



# International Meeting of Sedimentology 2017

33<sup>rd</sup> IAS & 16<sup>th</sup> ASF Joint Meeting

## *Hand Book*

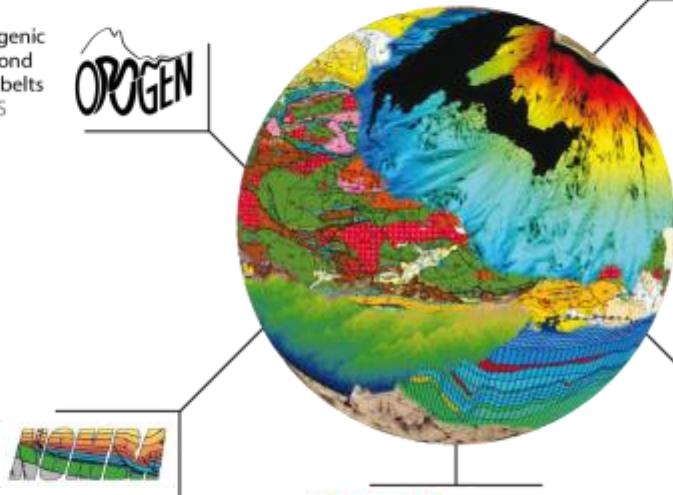


# R&D Frontier Exploration

## Breaking through the Earth Sciences

Our ambition is to promote innovative geological concepts and widen our exploration prospectivity through long-term leading - edge academic and industrial partnerships

Unravelling Orogenic Processes to explore beyond frontiers of mountain belts  
Partners: BRGM, INSU, CNRS



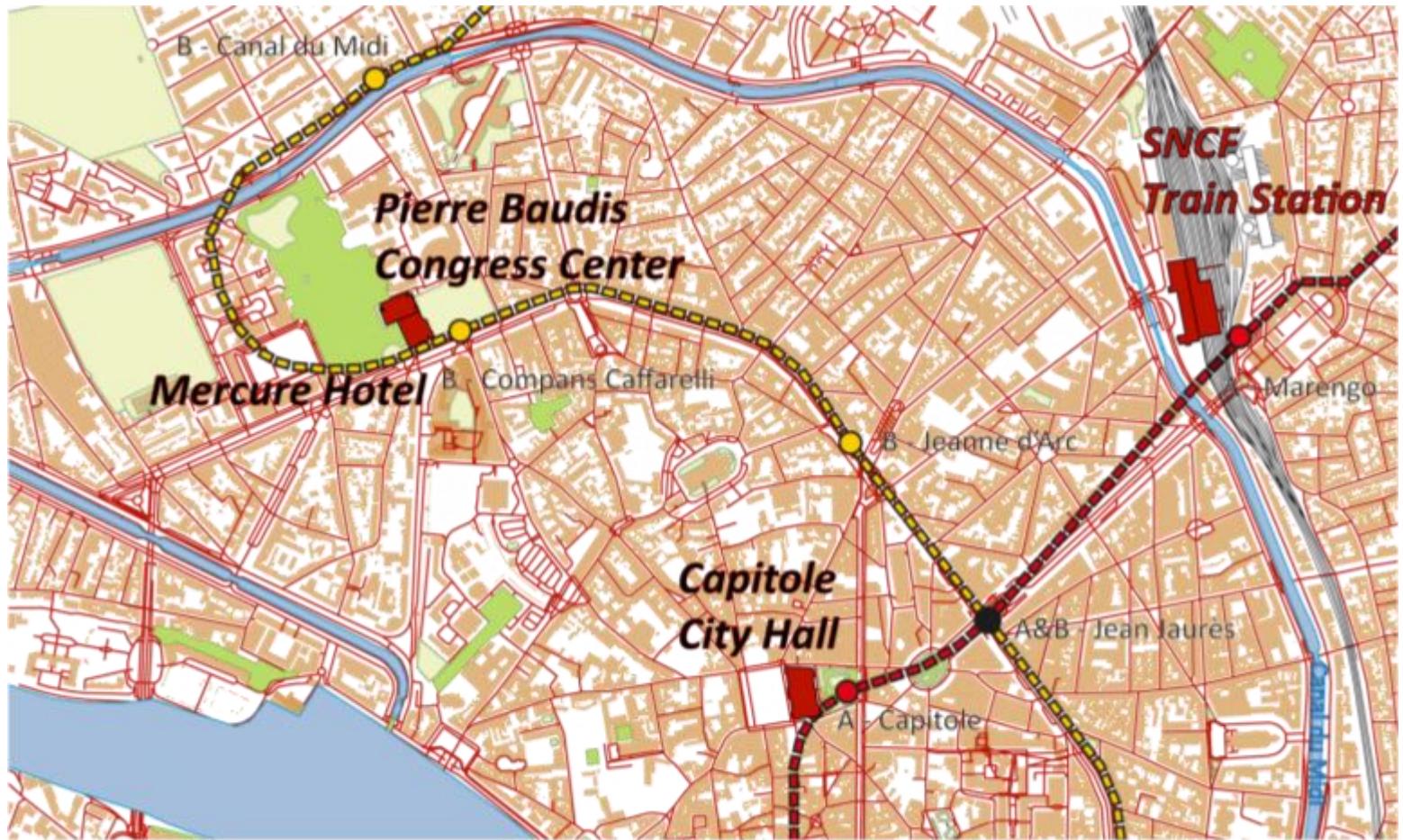
**TOTAL** **BH** **PETROBRAS**  
CARBONATES  
Strategic Technical Alliance Agreement (STAA)  
Enhance CO<sub>2</sub> detection and prediction in carbonate reservoirs along continental margins

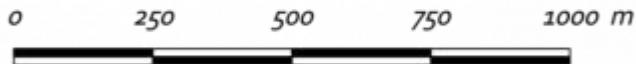


## THE IMS 2017-TIMETABLE AN OVERVIEW

What?	When?	Where?
<b>Start of Check-in (badge and delegate package)</b>	Monday 9 <sup>th</sup> , 16:00	Welcome Desk, Centre Pierre Baudis
<b>Welcome ceremony of the Mayor and Icebreaker</b>	Monday 9 <sup>th</sup> , 18:30	Salles des Illustres, City Hall (Capitole)
<b>Opening ceremony</b>	Tuesday 10 <sup>th</sup> , 9:00	Amphitheatre Saint Exupéry, Centre Pierre Baudis
<b>Keynote lectures</b>	Tuesday 10 <sup>th</sup> , Wednesday 11 <sup>th</sup> , Thursday 12 <sup>th</sup> , 13:30	Amphitheatre Saint Exupéry, Centre Pierre Baudis
<b>Morning scientific sessions</b>	Tuesday 10 <sup>th</sup> , Wednesday 11 <sup>th</sup> , Thursday 12 <sup>th</sup>	Lecture halls Centre Pierre Baudis
<b>Afternoon scientific sessions</b>	Tuesday 10 <sup>th</sup> , Wednesday 11 <sup>th</sup> , Thursday 12 <sup>th</sup>	Lecture halls Centre Pierre Baudis
<b>Poster sessions</b>	Tuesday 10 <sup>th</sup> and Wednesday 11 <sup>th</sup> , 17:30-19:00 Thursday 12 <sup>th</sup> , 14:30-16:00	Caravelle

<b>Assemblée Générale ASF</b>	Tuesday 10 <sup>th</sup> , 19:00-20:00	Amphitheatre Saint Exupéry
<b>General Assembly IAS</b>	Tuesday 10 <sup>th</sup> , 19:00-20:00	Cassiopée
<b>Conference photo/Flash mob</b>	Wednesday 11 <sup>th</sup> , 13:15	In front of the entrance to the Centre Pierre Baudis
<b>Conference Dinner</b>	Wednesday 11 <sup>th</sup> , departure 18:50-19:20	Mas Tolosa
<b>W1 Seismic Geomorphology</b>	Sunday 8 <sup>th</sup> -Monday 9 <sup>th</sup>	Hotel Mercure, Cordes
<b>W2 Research proposal</b>	Wednesday 12:00-13:00	11 <sup>th</sup> , Cassiopée
<b>W3 Research paper</b>	Thursday 12:00-13:00	12 <sup>th</sup> , Cassiopée
<b>Forum des métiers</b>	Wednesday 10:00-18:00	11 <sup>th</sup> , Hotel Mercure, Atrium
<b>Forum des enseignants</b>	Thursday 9:00-13:00	12 <sup>th</sup> , Diamant
<b>Closing Ceremony</b>	Thursday 12 <sup>th</sup> , 18:00-19:00	Amphitheatre Saint Exupéry





- Yellow dot: Metro stations
- Dashed red line: Metro lines

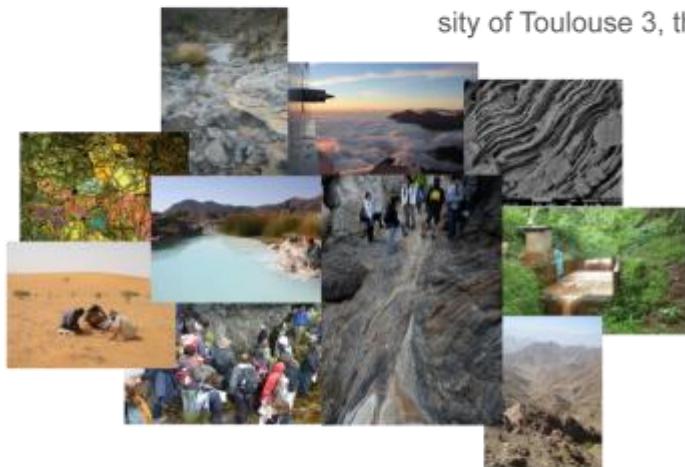
## LOCATION OF THE CONFERENCE-EVENTS VENUES

**Icebreaker:** Capitole City Hall

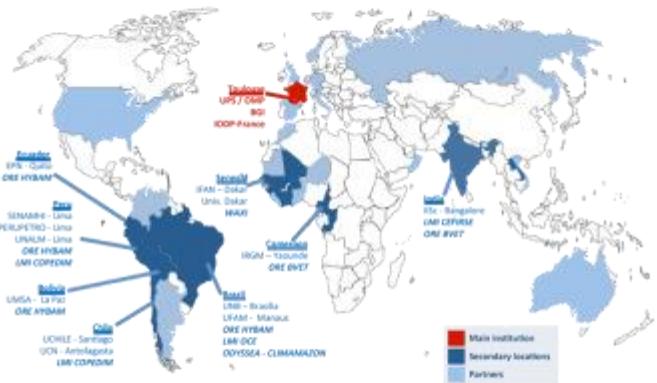
**Sessions:** Pierre Baudis congress Center

**Workshop 1:** Mercure Hotel

**Forum des métiers:** Mercure Hotel



Géosciences Environnement Toulouse (GET), member of the Observatoire Midi-Pyrénées, is a research department composed of more than 250 persons, including ~160 permanent staff employed by the CNRS, the University of Toulouse 3, the IRD and the CNES.



All major fields of Earth, Planets and Environmental Sciences are represented at the GET.

GET holds many laboratories equipped for geochemical, mineralogical, chemical and geophysical analyses.

GET is responsible for the IODP-France and for the International Gravimetric Bureau.

GET is involved in the education, offering to students its experience and experimental equipment to better fit their professional projects and their personal interests.

## **WELCOME**

We are delighted to welcome you at the second joint meeting of the International Association of Sedimentology (IAS) and the Association des Séimentologistes Français (ASF), to be held on the 10<sup>th</sup> – 12<sup>th</sup> October 2017.

Toulouse is the host of the meeting of the IAS and/or the ASF for the first time. It is for all of us an excellent opportunity to gather sedimentological and associated geological research communities from 52 countries, to share experiences, to discuss about old and new scientific challenges, and to stimulate future rewarding collaborations. This meeting includes scientific, public and social events, such as 6 excursions in France and Spain, the workshops and forums, the general assemblies of both associations, 3 exciting plenary lectures and a typical South-Western France gastronomic experience at the Conference Dinner and Icebreaker!

Toulouse tingles your spine with a Latin heat that inspires both its temperature and architecture. The city seduces by its small sinuous streets and diverse medieval to modern monuments. Toulouse is a cosmopolitan and enthusiastic town, mixing historical heritage and modern lifestyle. The university, founded in 1229, is the third largest in France, one of the oldest in Europe. Toulouse has been chosen to host the EuroScience Open Forum in 2018, becoming the European City of Science. The IMS2017 is one of the ESOF events.

This meeting is dedicated to Jean-Loup Rubino for his tremendous implication in Sedimentology and in the French Sedimentology Community, and in memoriam to Max Deynoux for his major input and long carrier in glacial sedimentology.

We are confident that you will have a truly memorable stay in our "Ville Rose"!

For the organizing committee,  
Delphine ROUBY, Elise NARDIN and Markus ARETZ

## ASSOCIATIONS PRESENTATIONS

### International Association of Sedimentologists

The International Association of Sedimentologists has over 1600 members in over 50 countries, with about a third of students. It was founded in 1952 to promote the study of Sedimentology by:

- publication, discussion and comparison of research results, journals (*Sedimentology* and *The Depositional Record*) and newsletters;
- encouraging the interchange of research where international cooperation is desirable. International Sedimentological Congresses are held every four years and Regional and Thematic Meetings gathering about 700 sedimentologists every year;
- promoting integration with other disciplines. The IAS offers PhD students in the field of Sedimentology 2 types of grants: postgraduate research grant and travel grants. Sedimentology researchers in least developed countries can apply for an institutional grant.

Each country has a national correspondent informing the IAS of sedimentological activities and assisting in obtaining members within their particular country. Together National Correspondents in more than 50 different countries currently form a strong global sedimentological network.

[www.sedimentologists.org/](http://www.sedimentologists.org/)



### Association des Sédimentologues Français

The Association des Sédimentologues Français was founded in 1965 to connect people interested in the study of sediments and the formation of sedimentary rocks.

The association is open to teaching and research staff, students, and the general audience interested in sedimentary processes and their relationship with external geodynamics. It has over 450 members in France and French speaking countries.

The ASF organizes field trips, specialized workshops, field schools and training for students, teachers and scientists. Since 1987, it organizes national meetings gathering over 300 sedimentologists every two years. It also sponsors scientific events in collaboration with other Earth Sciences Associations.

The ASF publications cover: ASF meeting acts, field trip and summer school's books, meeting logs and symposia documents.

Over 45 French departments, universities or major companies have a correspondent that inform the ASF of sedimentological activities and assist members.

[www.sedimentologie.fr/](http://www.sedimentologie.fr/)



## **ORGANIZING COMMITTEE**

**Chairs.** *Delphine ROUBY, Elise NARDIN, Markus ARETZ*

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**YE** Jing

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**HOAREAU** Guilhem (*Université de Pau et des Pays de l'Adour*)

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**SÉRANNE** Michel (*University of Montpellier 2*)

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**BOYER** Laury (*Cellule Congrès de l'Université Paul Sabatier*)

**BARITAUD** Carine (*Secretary*)

**FOURNIER** Vincent (*Technical support*)

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Environmental Geography



Uncovering the Mediterranean salt giant



French Geological Society



European Association of Geoscientists and Engineers



EuroScience Open Forum

### SILVER SPONSOR



Geoscience for a sustainable Earth

French Geological Survey



Region Occitanie



University Paul Sabatier



BRGM, the French geological survey

## THE BRGM IS FRANCE'S LEADING PUBLIC INSTITUTION IN APPLIED EARTH SCIENCES FOR THE MANAGEMENT OF SURFACE AND SUBSURFACE RESOURCES AND RISKS

All year round, the 1035 engineers, researchers and technicians working for the Scientific and Technical Centre in Orleans, our 18 regional departments and 4 regional post-mining units conduct research, public policy development support and international cooperation projects in the BRGM's key topic areas:

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# Uncovering the Mediterranean salt giant - MEDSALT

COST Action CA15103 - 2016/2020

[www.medsalt.eu](http://www.medsalt.eu)

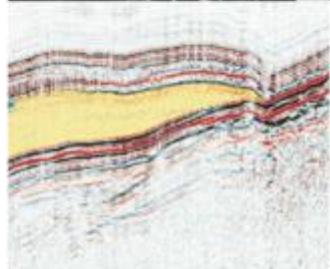


MEDSALT is a new flexible international scientific network created to address the causes, timing, emplacement mechanisms, and consequences at local and planetary scale of the late Miocene (Messinian) salt layer in the Mediterranean basin. The study of this unique salt giant is inherently cross-disciplinary, embracing geology, geophysics, geochemistry, microbiology, and paleoclimatology. The MEDSALT network comprises a critical mass of both experienced and early-career researchers from Europe and beyond.

## Scientific themes:

- Messinian Salinity Crisis;
- Salt Tectonics, fluids and geohazards;
- Deep Biosphere;
- Deep Earth to surface processes interactions.

Opportunities: MEDSALT will organize 4 Training Schools dedicated to the next generation of experts focusing on the whole Mediterranean area, including southern and eastern coastal states and Short-Term Scientific Missions (STSMs) to allow scientists to learn from an institution or laboratory in another COST country.



COST is supported by the EU Framework Programme Horizon 2020. COST (European Cooperation in Science and Technology) is a pan-European intergovernmental framework. Its mission is to enable break-through scientific and technological developments leading to new concepts and products and thereby contribute to strengthening Europe's research and innovation capacities - [www.cost.eu](http://www.cost.eu)



The COST Action is managed by the National Institute of Oceanography and Applied Geophysics - OGS (Italy)

## EXHIBITORS

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SGF	11
EAGE	12
Dunod	13
GFEJ/AGSO	14
IAS	15
ASF	16

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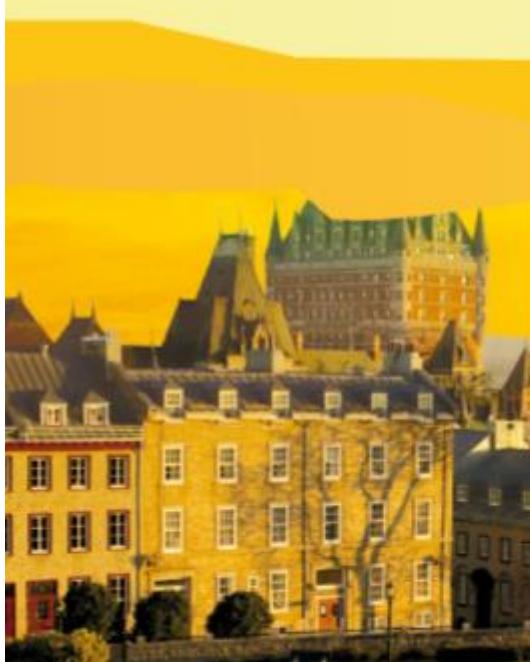


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- The clastic depositional system
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## Scientific

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Contact : [sie@newtec.fr](mailto:sie@newtec.fr) - Internet : <http://www.newtec.fr>

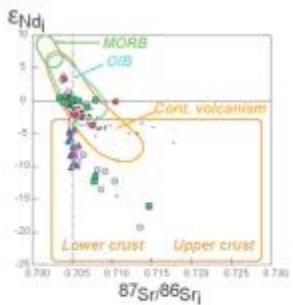
# SEDISOR

ANALYSE & EXPERTISE



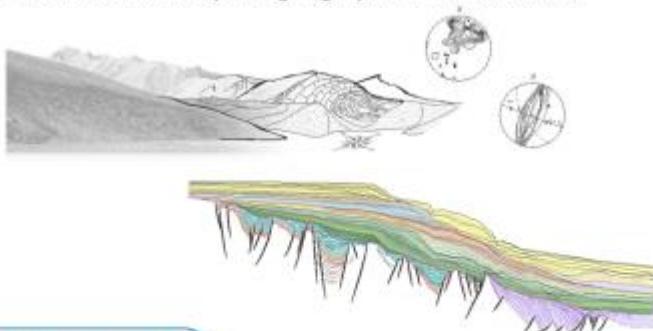
## Geochemical Analytical Services

Concentrations (major, metals, trace, ultra-trace elements)  
Radiogenic isotope compositions (Sr, Nd, Pb, Hf)  
Stable isotope compositions (O, C, N)  
Geochronology Rb-Sr; Sm-Nd; U-Th  
Sr Isotope Stratigraphy (SIS)



## New in 2017: Geology & Geodynamics

Basin analysis (structure, stratigraphy, subsidence)  
Field geology, sampling and petrology  
Geological mapping and synthesis (GIS)  
Plate tectonic and paleogeographic reconstructions



## Collaborative Research Projects

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# IODP-France

## IODP (*International Ocean Discovery Program*)

IODP is the most important multidisciplinary international collaboration in marine geology. This ocean drilling program roots in the 1950s (Mohole project) and in the 1960s (Deep Sea Drilling Project). Today, it includes around 30 partner countries. It has achieved more than 300 expeditions which made possible the exploration of ~1600 sites. The cumulative length of recovered cores reaches ~450 km. The scientific priorities of the present IODP phase 2013-2023 concern 4 main scientific targets.

### BECOME A PROJECT LEADER

- Supports: MagellanPlus Workshop Series Program  
[www.ecord.org/science/magellanplus/](http://www.ecord.org/science/magellanplus/)
- Submit a drilling proposal  
[www.ecord.org/science/get-involved/submit-a-drilling-proposal/](http://www.ecord.org/science/get-involved/submit-a-drilling-proposal/)

### APPLY TO SAIL !

- List of future expeditions  
[www.iodp.org/expeditions/expeditions-schedule](http://www.iodp.org/expeditions/expeditions-schedule)

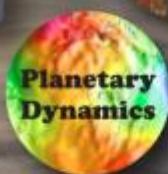
IODP-France Report  
2003 - 2016



### CONTACTS

IODP-France  
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Toulouse, Observatoire Midi-Pyrénées,  
14, Av. Edouard Belin,  
31400 Toulouse  
Tel: (+33) 5 61 33 29 60  
Email: [iodp-france@get.omp.eu](mailto:iodp-france@get.omp.eu)

**[www.iodp-france.org](http://www.iodp-france.org)**





The College of Petroleum Engineering & Geosciences (CPG) has merged three legacy units at King Fahd University of Petroleum & Minerals (KFUPM): The Department of Petroleum Engineering, the Department of Earth Sciences, and the Center for Petroleum and Minerals. The CPG is the result of a multi-faceted university-industry collaboration between KFUPM and Saudi Aramco, and has four main distinguishing features:

- The Center for Integrative Petroleum Research
- High level of industry engagement
- Integrated curriculum (Petroleum Engineering and Geosciences)
- Compelling value proposition for faculty and students

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## **GENERAL INFORMATION AND EVENTS**



## GENERAL INFORMATION

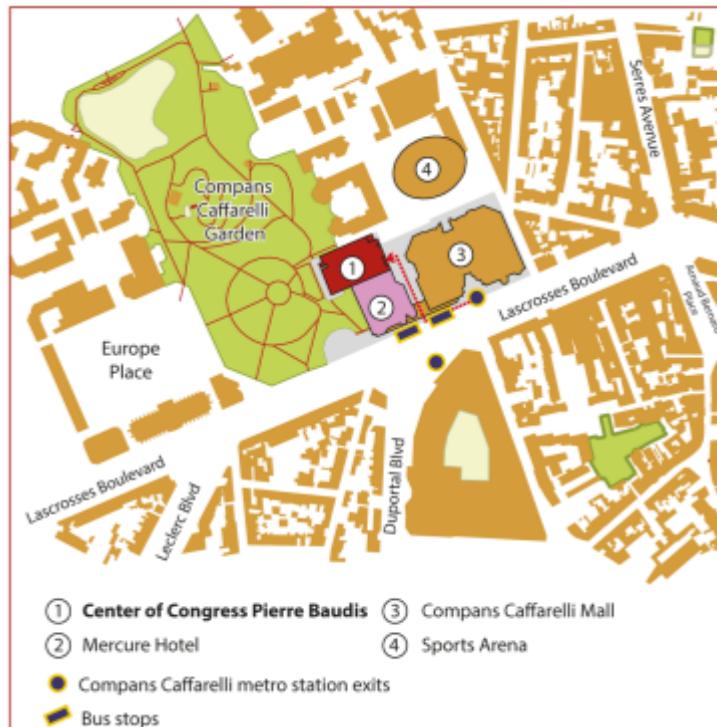
### Congress Venue

The IMS2017 is held at the **Centre Pierre Baudis**, in Toulouse. The congress centre is located in the city centre at the **subway station Compans-Caffarelli** of the Metro Line B. Toulouse can be easily reached by car (Motorways A61, A62, A64, A68), train (Toulouse Matabiau station) and airplane (Airport Toulouse Blagnac).

*Centre des congrès Pierre Baudis,  
11 esplanade Compans Caffarelli,  
31680 Toulouse, France;  
phone: +33(0)5.62.25.45.45,  
<http://www.centre-congres-toulouse.fr/>*

The Centre Pierre Baudis is situated behind the Mercure Hotel when standing on the Lacrosses Boulevard. Its entrance is to the East and is reached via the Esplanade (just follow the signs or the right line on the figure).

The easiest access to the congress centre is by foot and public transport. The Metro station Compans-Caffarelli (Line B) is just in front as well as bus lines L1, 31, 45, 63 and the Navette to the Airport (see [Tisseo.fr](#) for more information). Parking for vehicles in this area of Toulouse is very limited. There is a public parking below the Hotel Mercure operated by Q Parking and you might find few spots in the adjacent streets. In both cases you will be charged >2€ per hour.



### Check-in and Welcome Desk

The Welcome Desk in the Centre Pierre Baudis is open on Monday, 9<sup>th</sup> from 16:00 to 18:00, and Tuesday, Wednesday and Thursday from 8:00 to 19:00. Please be aware that onsite payment is not possible.

### Official Language

The official language of the IMS2017 is English. Simultaneous translation is not provided. Authors should present their work in fluent English. Only the “Forum des métiers” and “Forum des enseignants” will be held in French.

### Rules of conduct

- Please include some extra time for entering the congress centre because a security check will take place
- A congress badge is mandatory for access to the congress centre and meeting; please proceed directly to Welcome Desk upon arrival on the first day
- Smoking is prohibited in the entire congress center.
- Phones should be switched off in the lecture rooms.
- COPY OR PHOTOS OF ANY SCIENTIFIC MATERIAL (ORAL AND POSTER PRESENTATIONS) IS STRICTLY PROHIBITED. Non respect of this rule results in exclusion from the congress.
- We expect respectful conduct and proper dressing of all delegates.



### WIFI

Free unsecured wireless internet access is available throughout the congress center.

Network name: IMS2017

ID: IMS2017

Password: IMS2017

Do not forget to tick “j’accepte les conditions” to allow for connection



## Exhibition

Exhibition is located in the ARIANE room (first floor) and opened from 8:30 to 18:00 from Tuesday to Thursday.

## Congress photo / Flash mob

A group photo of the IMS 2017 participants is taken on Wednesday at 13:15 in front of the entrance to the Centre Pierre Baudis. Join the Flash Mob and let's try to get 1000 participants on the picture!

### Welcome Ceremony and Icebreaker

A **Welcome Ceremony by the Mayor of Toulouse** will be organized in the Salle des Illustres of the City Hall (Capitole) on Monday 9<sup>th</sup>, 18:30. This ceremony is followed by the icebreaker (until 20:00), where finger food and drinks will be served. Access is only by invitation.

Registered participants to this event have to pick up their invitation at the registration desk at the Centre Pierre Baudis on Monday 9<sup>th</sup> between 16:00 and 18:00.

### Refreshment and lunch

Complimentary refreshments are served in the exhibition (**ARIANE**), the Main Lobby (**ARIANE FOYER**) and the Poster Area (**CARAVELLE**), from Tuesday to Thursday: 8:00-8:30, 10:00-10:30 and 15:30-16:00 as well as during Poster Sessions in the Poster Area (**CARAVELLE**).

Prepaid lunch-boxes are distributed in the Lunch Area (**CONCORDE**) Tuesday to Thursday from 12:00 to 13:00. Tables are available in the Lunch Area however delegates may visit the Japanese Garden next to the Congress Center.

### Conference Dinner

The Conference Dinner will be held on Wednesday in the “Mas Tolosa”, a typical large house of South-West France, located a few kilometres outside of Toulouse (79 Rue des chênes, 31830 Plaisance du Touch). **Transport will be by busses leaving between 18:30 (4 busses) and 18:50 (3 busses) in front of the Centre Pierre Baudis.** A return service to the Conference Centre is organized **every half hour between 23:00 and 01:30**. Please be aware that there will be no metro service after 24:00. The prepaid invitation for this event will be distributed with the congress package upon arrival.



## Presenter Guidelines

### *ORAL PRESENTATIONS*

Each presentation is limited to **12 minutes plus 2 minutes for questions**, 1 minute is reserved for setting up the following presentation. Please prepare your oral presentation in a Power Point (ppt, pptx) or pdf format named “**Lastname\_firstname.ppt(x)/pdf**”. The presentation will be displayed on screen by video projector. Each session room will be equipped with a computer with MS PowerPoint, VLC, and Adobe Acrobat Reader (.ppt, .pptx or .pdf format files + video files .avi), a digital projector, a laser pointer, and microphones. You will not be allowed to use your own computer.

Authors are requested to upload their presentations directly in the lecture room within the half-hour before the beginning of the oral block. Assistance will be available for help.

### *POSTERS PRESENTATIONS*

Poster display time is 08:00 to 19:00 daily in CARAVELLE. Authors are responsible of setup of their poster in the morning. Assistance will be available for help and fixing material. The author is expected to be available for presentation next to their poster during poster sessions. Authors are responsible dismantling their poster in the evening before 19:30.

The posters will be mounted on a single vertical panels A0 size in portrait layout: 118cm height and 84cm width.

### *CONVENERS OF SESSIONS*

Conveners of session are requested to be present during the oral and poster sessions, to introduce and ensure that the authors respect the timing of 12 min for presentation and to moderate the 2 min questions. They are also asked to enforce the NO PICTURE policy if necessary.

### *POSTER AWARDS*

In recognition of the importance of Poster contributions to meetings, the IAS and ASF are pleased to announce the 2017 Outstanding Student Poster Awards and Outstanding Early Career Scientists Poster Awards. They will be awarded during the Closing ceremony on Thursday. Detailed information about eligibility and procedure are posted on the conference web site.

## WORKSHOPS, FORUMS AND PUBLIC OUTREACH

### General Calendar

	October 8 <sup>th</sup> -9 <sup>th</sup>	October 10 <sup>th</sup>	October 11 <sup>th</sup>	October 12 <sup>th</sup>	October 13 <sup>th</sup>
Morning					
Lunch Break		Registration ST. EXUPÉRY	Forum Métiers atrium (H. Mercure)	Forum Enseignants DIAMANT	Terrain Forum Enseignants
Afternoon	Workshop 1 2D/3D Seismic Geomorphology CORDES (H. Mercure)		Workshop 2 CASSIOPEE	Workshop 3 CASSIOPEE	
Evening	Registration Congress Center		Forum Métiers atrium (H. Mercure)	Forum Enseignants DIAMANT	
	Icebreaker City Hall	General Assemblies ST. EXUPÉRY/CASSIOPEE	Conference Dinner Mas Tolosa	Closing Ceremony ST. EXUPÉRY	

## Workshops

### **Workshop 1: 2D/3D Seismic Geomorphology Workshop Course applied to Siliciclastic Depositional Systems, 8<sup>th</sup> -9<sup>th</sup> October, HOTEL MERCURE, CORDES**

For 20 years, improvement of 3D seismic acquisition, processing and visualisation have strongly modified our view of buried sedimentary systems. More specifically, 3D seismic amplitude maps can be used like seabeams on present day ocean and allow for analysing past seascapes or like subaerial landscapes with satellite images.

It is of primary importance for geoscientists to have the basic background on the new Seismic Geomorphology techniques and have images of the most common sedimentary environments.

Seismic Geomorphology can also be applied to carbonates or structural analysis; however, this two-days-workshop will focus on Siliciclastic Depositional Systems. We will review depositional environments from aeolian, fluvial, delta to deep water by comparing 3D attribute maps and modern systems views from satellite. Individual setting will be approached by progressive downsizing from large scale such as deep sea fan down to the individual elements, such as canyons, channels, lobes and MTC for example.

The course will also include practical applications and demos on an in-house workstation developed by Total. Attendees will be welcome to share ideas and results during a one-hour slot organised daily for short presentations.

### **Workshop 2: How to write a successful research proposal, Wednesday, during the Lunch Break, CASSIOPÉE**

Having a fantastic idea for a new avenue of ground-breaking research is a wonderful feeling. Then comes the reality – you are going to need someone to fund this! We all know that feeling of being faced with a blank funding proposal template. Well, help is at hand. During this lunchtime workshop you will learn from the experts – those who review the proposals and those who write successful proposals.

### **Workshop 3: How to write a successful paper for Sedimentology or The Depositional Record, Thursday, during the Lunch Break, CASSIOPÉE**

Your project is completed. The results are in and the outcomes are, frankly, fantastic! It's now time to share your research with the wider community – it's time to publish. Writing your first manuscripts for publication can be a daunting task. How do I select an appropriate journal for my topic? How should I organise the manuscript? How long should it be? What are the key elements that the editors are going to look for? What can I do to increase visibility on search pages? I am not confident whilst writing in English – is there any help? These are just some of the plethora of questions raised by new authors. Come and get the answers. This lunchtime workshop will be presented by the Chief Editors of Sedimentology and The Depositional Record. During the workshop you will learn exactly what it takes to turn your outstanding research in to an outstanding paper.

### Forums

#### **Forum des métiers** (in French, registration required), Wednesday, 10:00-18:00, AMPHITHEATRE ATRIUM, HOTEL MERCURE

The great diversity of scientific, industrial and societal issues involving sedimentology is the source of a wide variety of occupations in multiple sectors of activity.

The objective of this program is to inform students in sedimentology about the careers offered to young graduates and to provide them guidelines for the construction of their professional project. In particular, the IMS Student Program 2017 aims to highlight the skills needed according to the jobs and sectors of activity, the various possible careers, the added value of a strong personal investment in the construction of a professional project, the tools available and the opportunities offered.

#### **Forum des enseignants** (in French, registration required), Thursday, 9:00-18:00, DIAMANT, Friday Field trip to the Quercy region

Dans le cadre du congrès IMS 2017, nous organisons un forum consacré à l'enseignement des sciences de la Terre. Le programme est:

- Des conférences scientifiques sur la thématique de l'enregistrement géologique des paléoenvironnements
- Des tables rondes consacrées aux liens enseignement - recherche et à l'enseignement de la géologie sur le terrain
- Une journée d'excursion en terrain sédimentaire dans le Quercy

### Public Outreach Events

Public outreach events are planned on September 26<sup>th</sup> at the Quai des Savoirs (Marc De Rafélis, Guillaume Dera, Yves Goddériss, all Toulouse) and October 17<sup>th</sup> at the Observatoire Midi-Pyrénées and downtown Toulouse in the Salle Sénéchal (Emmanuelle Vennin, Dijon).

## **SCIENTIFIC PROGRAM**



## INVITED SPEAKERS

Every day one keynote lecture (40+15 min) will be given in a plenary lecture after the lunch break in the AMPHITHEATRE SAINT EXUPÉRY (13:30-14:30).



Tuesday

Ronald J. Steel (University of Texas, Austin): **Characterization of shelf - margin sedimentary prisms**

The main focus of Ronald Steel's research over the last 15 years or so, has been to gain an understanding of the time scales, clastic sediment delivery mechanisms, sediment budget partitioning and growth styles of shelves and deepwater shelf margins. I am also engaged in understanding relationships between sea-level change and tides, and in particular in developing models of tidal dunes and bars on deltas, estuaries and shelves.



Wednesday

Rachel Wood (University of Edinburgh): **What has controlled carbonate mineralogy through geological time?**

Rachel Wood has particularly interests in the evolution of carbonate systems through time, in response to biological evolution, mass extinction, and changing sea water chemistry. Her current research focuses on the rise of biomineralisation during the Ediacaran/Cambrian transition and the modelling of carbonate diagenesis.



Thursday

Paul Wignall (University of Leeds): **The Permo-Triassic mass extinction and its aftermath: to hell and back**

Paul Wignall has a long standing interest in mass extinctions, the environmental changes associated with them and the large igneous provinces with which they coincide. He has particularly focused on the Permo-Triassic crisis and has visited many boundary sections around the world. Allied to these research interests, Wignall also studies anoxic events and the proxies used for their recognition, and the role of high temperatures in ancient crises.

## LIST OF SESSIONS

### TRANSVERSAL SESSION

#### T1 Understanding salt giants and their geological, geochemical and biological impacts

**Convenors.** Vanni ALOISI (CNRS Paris, FRA), Judith MCKENZIE (ETH Zurich, AUT), Virginie GAULLIER (UMR LOG 8187 CNRS-Lille1-ULCO, FRA), Daniel GARCIA-CASTELLANOS (ICTJA-CSIC Barcelona, ESP)

### SYMPORIUM CB - CARBONATES & BIOCONSTRUCTIONS

#### CB1 Open Session on Carbonates & Bioconstructions

**Convenors.** Markus ARETZ (University of Toulouse III - GET, FRA), Nicolas OLIVIER (University of Clermont-Ferrand, FRA), Giovanna DELLA'PORTA (University of Milan, ITA), Julien DENAYER (Université de Liège, BEL)

#### CB2 Carbonate slopes and basins: Sedimentary processes and archives through time

**Convenors.** Christian BETZLER (Institüt für Geologie, Hamburg, DEU), Jean BORGOMANO (CEREGE Aix-Marseille, FRA), Angel PUGA BERNABEU (Universidad de Granada, ESP), John REIJMER (King Fahd Petroleum and Minerals, KSA), Marco BRANDANO (Sapienza Università di Roma, ITA)

#### CB3 Bio-Geo-Interactions in non-tropical and tropical marine carbonate systems

**Convenors.** Agostina VERTINO (Università di Milano-Bicocca, ITA), Daniela BASSO (Università di Milano-Bicocca, ITA), Chris JENKINS (University of Colorado Boulder, USA), Arnoud SLOOTMAN (King Fahd University of Petroleum and Minerals, KSA), Maria MUTTI (University of Potsdam, DEU)

#### CB4 Microbialites and Continental carbonates: a multidisciplinary approach for improved understanding of extant and extinct systems

**Convenors.** Anneleen FOUBERT (University of Fribourg, CHE), Emmanuelle VENNIN (University of Bourgogne, FRA), Pieter T. VISSCHER (University of Connecticut, USA), Concha ARENAS-ABAD (University of Zaragoza, ESP), Ramón MERCEDES-MARTÍN (University of Hull, GBR)

#### CB5 Carbonate platforms

**Convenors.** Stéphan JORRY (IFREMER, FRA), Julien BOURGET (University of Western Australia, AUS)

## **SYMPOSIUM CSP - CLASTIC SEDIMENTARY PROCESSES**

### **CSP1 Open Session on Clastic Sedimentary Processes**

**Convenors.** Janrik VAN DEN BERG (*University of Utrecht, NLD*), Thierry MULDER (*EPOC Bordeaux, FRA*), Laetitia LE DEIT (*University of Nantes, FRA*), Ralph D. LORENZ (*Johns Hopkins University Laurel, USA*), Sylvie BOURQUIN (*University of Rennes 1, FRA*)

### **CSP2 Provenance, weathering and sorting: Disentangling the parameters controlling sediment composition**

**Convenors.** Sebastien BERTRAND (*Ghent University, BEL*), Inka MEYER (*Ghent University, BEL*), Janna JUST (*University of Cologne, DEU*), Gert Jan WELTJE (*University of Leuven, BEL*)

### **CSP3 Quantitative analysis of sediment generation, provenance, and diagenesis: keys to reconstruction of Earth-surface processes and reservoir-quality prediction**

**Convenors.** Luca CARACCIOLI (*FAU University Nürnberg-Erlangen, DEU*), Gert Jan WELTJE (*University of Leuven, BEL*), Eduardo GARZANTI (*University of Milan-Bicocca, ITA*), Bill HEINS (*ExxonMobil Houston, USA*)

### **CSP4 Lacustrine depositional systems**

**Convenors.** Steven ANDREWS (*CASP, GBR*), Mathieu SCHUSTER (*IPG Strasbourg, FRA*), Marc De BATIST (*Ghent University, BEL*), Alexis NUTZ (*Århus University, Århus, DNK*)

### **CSP5 Sediment density flows in siliciclastic, pyroclastic and calciclastic settings: process and product**

**Convenors.** Matthieu CARTIGNY (*Durham University, GBR*), Guilhem DOUILLET (*Ludwig-Maximilians-Universität, München, DEU*), Joris EGGENHUISEN (*Utrecht University, NLD*), Thierry MULDER (*University of Bordeaux, FRA*)

### **CSP6 Coastal sediment dynamics from past to present**

**Convenors.** Jasper KNIGHT (*University of the Witwatersrand, Johannesburg, ZAF*), Daniela RUBERTI (*Campania University "L. Vanvitelli", ITA*), Mikkel FRUERGAARD (*Geological Survey of Denmark & Greenland, DNK*), Ernesto SCHWARZ (*University of La Plata & CONICET, ARG*), Massimo MORETTI (*Bari University, ITA*)

### **CSP7 PaleoHazards**

**Convenors.** Emmanuel CHAPRON (*GEODE University of Toulouse II FRA*), Geoffroy LAMARCHE, (*NIWA, NZL*), Jean-Luc SCHNEIDER (*EPOC Bordeaux, FRA*), Flavio ANSELMETTI (*University of Bern, CHE*)

### SYMPOSIUM PP - PALEO-ENVIRONEMENTS AND PALEO-CLIMATES

#### PP1 Late Paleozoic environments, mass extinction, and the transition to the Mesozoic world

**Convenors.** Christopher R. FIELDING (University of Nebraska-Lincoln, USA), Tracy D. FRANK (University of Nebraska-Lincoln, USA), Sylvie BOURQUIN (University of Rennes 1, FRA), Rossana MARTINI (University of Geneva, CHE), Arnaud BRAYARD (University of Bourgogne, FRA)

#### PP2 Jurassic-Cretaceous climates, (bio)-events and paleogeography: from data to modelling

**Convenors.** Pierre PELLENARD (University of Bourgogne, FRA), Emanuela MATTIOLI (University of Lyon 1, FRA), József PALFY (Eötvös University, HUN), Guillaume DERA (University of Toulouse III - GET, FRA)

#### PP3 Tertiary climate and paleoenvironmental changes

**Convenors.** Marc DE RAFÉLIS (University of Toulouse III - GET, FRA), Fabrice MINOLETTI (ISTeP, FRA)

#### PP4 The sedimentary, geophysical and geochemical record of Earth's ice ages: from the Proterozoic to the Quaternary

**Convenors.** Magali DELMAS (University of Perpignan-Via Domitia, FRA), Pierre DIETRICH (Univ. of Johannesburg, RSA), Jean-François GHENNE (EOST Strasbourg, FRA), Dan LE HERON (Royal Holloway University, London, GBR), Graham SHIELDS (University College London, GBR)

#### PP5 Paleoenvironmental reconstructions: What can be learnt from authigenic minerals and other sedimentary archives?

**Convenors.** Chloé MORALES (University of Utrecht, NLD), Karl FÖLLMI (University of Lausanne, CHE), Jörn PECKMANN (University of Hamburg, DEU), Gregory PRICE (Plymouth University, GBR), Nicolas TRIBOVILLARD (University of Lille 1, FRA)

#### PP6 Sedimentology of recent Earth history and human interactions

**Convenors.** Eric CHAUMILLON (University of La Rochelle, FRA), Brice MOURIER (Ecole nationale de travaux publics de l'Etat de Vaulx en Velin, FRA), Christine PERRIN (MNHN Sete, FRA), Anaëlle SIMONNEAU (ISTO University of Orléans, FRA), Laurence VIDAL (CEREGE Aix Marseille)

### SYMPOSIUM RTS - READING TIME IN SEDIMENTS

#### RTS1 Continental trace fossils as tools in stratigraphy and environmental interpretation

**Convenors.** Jennifer SCOTT (Mount Royal University Calgary, CAN), Mathieu SCHUSTER (IPG Strasbourg, FRA)

#### RTS2 Time calibration of paleoclimatic and paleoceanographic events

**Convenors.** Nicolas THIBAULT (University of Copenhagen, DAN), Mathieu MARTINEZ (University of Rennes1, FRA), Matthias SINNESAEL (Vrije Universiteit Brussel, BEL), Luis VALERO (Universitat Autònoma de Barcelona, ESP), Anne-Christine da SILVA (Universities of Liège and Utrecht, BEL/NLD)

## **SYMPORIUM SB - SEDIMENTARY BASINS**

### **SB1 Sedimentological, stratigraphic and geomorphic record of orogen-foreland dynamics (OROGEN)**

**Convenors.** Eric LASSEUR (BRGM Orléans, FRA), Emmanuel MASINI (TOTAL, FRA), Sébastien CARRETTIER (IRD - GET, FRA), Sébastien CASTELLORT (University of Geneva, CHE), Martin RODDAZ (University of Toulouse III - GET, FRA)

### **SB2 Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)**

**Convenors.** Cécile ROBIN (University of Rennes 1, FRA), Christophe BASILE (ISterre, FRA), Sylvie LEROY (ISTeP, FRA), Tiago ALVES (Cardiff University, GBR), Julien BOURGET (University of Western Australia, AUS)

### **SB3 Interactions of Sedimentation and Tectonics**

**Convenors.** Mary FORD (CRPG Nancy, FRA), Vincent REGARD (University of Toulouse III - GET, FRA), Brian HORTON (Jackson School of Geosciences Austin, USA), Patrice BABY (IRD - GET, FRA), Frank CHANIER (Université de Lille 1, FRA)

## **SYMPORIUM SS - SOURCES AND SINKS**

### **SS1 Sources to Sinks: Quantification, Concepts and Case studies**

**Convenors.** Stéphane BONNET (University of Toulouse III - GET, FRA), Sébastien CASTELLORT (University of Geneva, CHE), Daniel GARCIA-CASTELLANOS (ICTJA - CSIC in Barcelona, ESP), Didier GRANGEON (IFP Energies Nouvelles, FRA), Sébastien ROHAIS (IFP Energies Nouvelles, FRA), Cedric JOHN (Imperial College, GBR)

## **SYMPORIUM SR - SEDIMENTOLOGY AND RESOURCES**

### **SR1 Ore geology in Sedimentary Realm**

**Convenors.** Rodrigo RIQUELME (Universidad Católica del Norte, CHL), Sébastien CARRETTIER (IRD - GET, FRA), Alberto FERNÁNDEZ-MORT (Universidad Católica del Norte, CHL & Universidad Complutense de Madrid, ESP), Olivier PARIZE (AREVA, France), El Hassane CHELLAI (UCA, MAR)

### **SR2 Sedimentology of Unconventional Systems**

**Convenors.** Vincent CROMBEZ (IFP Energies Nouvelles, FRA), Tristan EUZEN (IPF Technologies, CAN), François BAUDIN (University of Paris VI, FRA), Dorrik STOW (Heriot-Watt University, GBR)

### **SR3 Frontier basins, new exploration plays and energy storage**

**Convenors.** Vincent DELHAYE-PRAT (TOTAL, FRA), Mélanie LOUTERBACH (REPSOL Madrid, ESP), Emmanuel PETTINOTTI (OPHIR Energy London, GBR), Julien BAILLEUL (UniLaSalle, FRA), Massimo ROSSI (ENI, ITA)

**SR4 Outcrop analogues and modern systems: new study techniques, application in subsurface geology and knowledge transfer**

**Convenors.** Rémy DESCHAMPS (IFPEN, FRA), Gilberto ALBERTAO (Petrobras, BRA), Oriol FALIVENE (Shell, USA), Philippe JOSEPH (IFP School, FRA), Jean Loup RUBINO (TOTAL, FRA)

**SYMPORIUM FSD - FLUIDS/SEDIMENTS INTERACTIONS & DIAGENESIS**

**FSD1 Open Session on Fluids/Sediments interactions & Diagenesis**

**Convenors.** Valérie CHAVAGNAC (CNRS - GET, FRA), Guilhem HOAREAU (University of Pau, FRA), Benjamin BRIGAUD (University of Paris Sud, FRA), Richard WORDEN (University of Liverpool, GBR)

**FSD2 Seismic-scale fluid/sediment interactions**

**Convenors.** Patrice IMBERT (TOTAL, FRA), Aurélien GAY (University of Montpellier 2, FRA), Rossella CAPOZZI (Università di Bologna, ITA)

**FSD3 Carbonate diagenesis**

**Convenors.** Jean-Pierre GIRARD (TOTAL, FRA), Benjamin BRIGAUD (University of Paris-Sud, FRA), Benoît VINCENT (Cambridge Carbonates Ltd, GBR)

**FSD4 Clay mineral controls on pore-scale reservoir quality of clastic systems**

**Convenors.** Sanem ACIKALIN (Newcastle University, GBR), Stuart JONES (Durham University, GBR), Susanne GIER (Vienna University, AUT), Philip MILLSTEAD (Centrica Norge, NOR), Joshua GRIFFITHS (Liverpool University, GBR)

## DAILY SCHEDULE, TUESDAY, OCTOBER 10<sup>TH</sup>

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS					
08:00-09:00	Coffee										
09:00-09:30	Opening Ceremony (Amphitheatre)										
09:30-10:00											
10:00-10:30	Coffee Break										
10:30-11:00	SB3: Interactions of Sedimentation and Tectonics	CB4: Microbialites and Continental carbonates	CSP6: Coastal sediment dynamics from past to present	PP2: Jurassic-Cretaceous climates, (bio)-events and paleogeography	SR2: Sedimentology of Unconventional Systems	CSP7: PaleoHazards					
11:00-11:30											
11:30-12:00											
12:00-13:30	Lunch Break										
13:30-14:00	Invited keynote: Ronald J. Steel (Amphitheatre)										
14:00-14:30											
14:30-15:00	SB3: Interactions of Sedimentation and Tectonics	CB4: Microbialites and Continental carbonates	CSP6: Coastal sediment dynamics from past to present	PP2: Jurassic-Cretaceous climates, (bio)-events and paleogeography	SR1: Ore Geology in Sedimentary Realm	PP4: The sedimentary, geophysical & geochemical record of Earth's ice ages					
15:00-15:30											
15:30-16:00	Coffee Break										
16:00-16:30	SB3: Interactions of Sedimentation and Tectonics	CB4: Microbialites and Continental carbonates	CSP6: Coastal sediment dynamics from past to present	PP2: Jurassic-Cretaceous climates, (bio)-events and paleogeography	SR2: Sedimentology of Unconventional Systems	PP4: The sedimentary, geophysical & geochemical record of Earth's ice ages					
16:30-17:00											
17:00-17:30											
17:30-18:00	<i>Poster Session in the hall Caravelle: CB4, CSP6, CSP7, PP2, PP4, SB3, SR1, SR2</i>										
18:00-18:30											
18:30-19:00											
19:00-19:30	AG ASF	GA IAS									
19:30-20:00											

**DAILY SCHEDULE, WEDNESDAY, OCTOBER 11<sup>TH</sup>**

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS	
08:00-08:30				Coffee			
08:30-09:00	SS1: Open Session on Sources and Sinks	CSP5: Sediment density flows in siliciclastic, pyroclastic and calciclastic settings	FSD2: Seismic- scale fluid/sediment interactions	SB1: Sedimentological, stratigraphic and geomorphic record of orogen-forland dynamics (OROGEN)	CB3: Bio-Geo- Interactions in non- tropical and tropical marine carbonate systems	PP1: Late Paleozoic environments, mass extinction, and the transition to the Mesozoic world	
09:00-09:30							
09:30-10:00							
10:00-10:30				Coffee Break			
10:30-11:00	SS1: Open Session on Sources and Sinks	CSP5: Sediment density flows in siliciclastic, pyroclastic and calciclastic settings	FSD3: Carbonate diagenesis	SB1: Sedimentological, stratigraphic and geomorphic record of orogen-forland dynamics (OROGEN)	CB3: Bio-Geo- Interactions in non- tropical and tropical marine carbonate systems	PP5: Paleoenvironmental reconstructions	
11:00-11:30							
11:30-12:00							
12:00-13:30				Lunch Break			
13:30-14:00				Invited Keynote: Rachel Wood (Amphitheatre)			
14:00-14:30							
14:30-15:00	SS1: Open Session on Sources and Sinks	CSP5: Sediment density flows in siliciclastic, pyroclastic and calciclastic settings	FSD3: Carbonate diagenesis	SB1: Sedimentological, stratigraphic and geomorphic record of orogen-forland dynamics (OROGEN)	PP3: Tertiary climate and paleoenvironmental changes	RTS2: Time calibration of paleoclimatic and paleoceanographic events	
15:00-15:30							
15:30-16:00				Coffee Break			
16:00-16:30	SS1: Open Session on Sources and Sinks	CSP2: Provenance, weathering and sorting	FSD3: Carbonate diagenesis	SB2: Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)	CB2: Carbonate slopes and basins	RTS2: Time calibration of paleoclimatic and paleoceanographic events	
16:30-17:00							
17:00-17:30							
17:30-18:00							
18:00-18:30		Poster Session in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1					
18:30-19:00							

## DAILY SCHEDULE, THURSDAY, OCTOBER 12<sup>TH</sup>

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS
08:00-08:30				Coffee		
08:30-09:00	CSP1: Open Session on Clastic Sedimentary Processes	SB2: Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)	PP6: Sedimentology of recent Earth history and human interactions		CSP3: Quantitative analysis of sediment generation, provenance, and diagenesis	FSD4: Clay mineral controls on pore-scale reservoir quality of clastic systems
09:00-09:30				CB5: Carbonate platforms		
09:30-10:00						
10:00-10:30			Coffee Break			
10:30-11:00	CSP1: Open Session on Clastic Sedimentary Processes	FSD1: Open Session on Fluids/Sediments interactions & Diagenesis	PP6: Sedimentology of recent Earth history and human interactions	CB5: Carbonate platforms	CSP3: Quantitative analysis of sediment generation, provenance, and diagenesis	SR3: Frontier basins, new exploration plays and energy storage
11:00-11:30						
11:30-12:00						
12:00-13:30			Lunch Break			
13:30-14:00			Invited keynote: Paul Wignall (Amphitheatre)			
14:00-14:30						
14:30-15:00			<i>Poster Session in the hall Caravelle: CB1, CB5, CSP1, CSP3, CSP4, FSD1, FSD4, PP6, SB2, SR3, SR4, T1</i>			
15:00-15:30						
15:30-16:00						
16:00-16:30			Coffee Break			
16:30-17:00	CSP1: Open Session on Clastic Sedimentary Processes	FSD1: Open Session on Fluids/Sediments interactions & Diagenesis	CSP4: Lacustrine depositional systems	CB1: Open Session on Carbonates & Bioconstructions	T1: Understanding salt giants and their geological, geochemical and biological impacts	SR4: Outcrop analogues and modern systems
17:00-17:30						
17:30-18:00						
18:00-18:30			Closing Ceremony(Amphitheatre)			
18:30-19:00						

## FIELD TRIPS

### Pre-meeting Field trips

**FT1** The Eocene marine sedimentation in the Southern Pyrenean Basin: a basin-slope-platform transect, Oct. 7-9, 2017.

**Leaders.** *Roi DA SILVA-CASAL (University of Zaragoza, ESP), Aitor PAYROS (University of the Basque Country, ESP), Naroa MARTÍNEZ-BRACERA (University of the Basque Country, ESP) and Marcos AURELL (University of Zaragoza, ESP)*

**FT3** The Bay of Mont Saint Michel. Facies, Morphodynamics and Holocene evolution of a hypertidal coastal environment, Oct. 8-9, 2017.

**Leaders.** *Bernadette TESSIER (CNRS, University of Caen Normandie, FRA), Pierre WEILL (University of Caen Normandie, FRA)*

**FT4** Estuarine, coastal marine facies and geobodies architecture in the Gironde estuary and the Atlantic coast (SW France), Oct. 7-8, 2017.

**Leaders.** *Hugues FÉNIÈS (Ensegid-Bordeaux INP, FRA), Raphaël BOURILLOT (Ensegid-Bordeaux INP, FRA), Maxime VIROLLE (University Paris Saclay, FRA)*

**FT7** Geological walk in Toulouse, Oct. 9, 2017.

**Leaders.** *Frédéric CHRISTOPHOUL (University of Toulouse III - GET, FRA), Stéphane BONNET (University of Toulouse III - GET, FRA), Michel DE SAINT BLANQUAT (CNRS - GET, FRA), Vincent REGARD (University of Toulouse III - GET, FRA)*

### Post- meeting Field trips

**FT12** Ilerdian sedimentation through the Carcassonne Gulf (Corbières, France), Oct. 13, 2017.

**Leader.** *Marc DE RAFÉLIS (University of Toulouse III - GET, FRA)*

**FT13** Architecture and evolution of a syntectonic river-dominated delta: the Middle Eocene Sobrarbe deltaic complex (South-Pyrenean Foreland Basin, Aragon, Spain), Oct. 12-15, 2017.

**Leaders.** *Nicolas GRASSEAU (Ensegid-Bordeaux INP, FRA), Philippe RAZIN (Ensegid-Bordeaux INP, FRA), Miguel LOPEZ-BLANCO, (University of Barcelona, ESP), Francis ODONNE (University of Toulouse III - GET, FRA)*

**TUESDAY, 10<sup>TH</sup> OCTOBRE**



## MORNING

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS						
8:00			Coffee									
9:00												
9:15												
9:30												
9:45												
10:00			Coffee Break									
10:30	SB3	Joussiaume et al.	CB4	Tucker et al.	CSP6	Pascucci et al.	PP2	Pálfy et al.	SR2	Suárez-Ruiz et al.	CSP7	Polonia et al.
10:45		Pichat et al.		Pace et al.		Leva Lopez et al.		Schöllhorn et al.		Liu et al.		
11:00		Serck et al.		Diaz et al.		Knight & Burningham		Baghli et al.		Harris et al.		
11:15		Bordenave et al.		Eymard et al.		Davies-Vollum		Price		Euzen et al.		
11:30		Gao et al.		Mettraux et al.		Van Yperen et al.		Fantasia et al.		Guo et al.		
11:45		Lloret et al.		Aubineau et al.		Zimmer et al.		Ruebsam et al.		Rutman et al.		
12:00						Lunch Break						
13:00												

# AFTERNOON

## Room: AMPHITHEATRE SAINT EXUPÉRY

### Plenary Session

**Convenors** Delphine ROUBY, Elise NARDIN, Markus ARETZ (CNRS, University of Toulouse III - GET, FRA)

#### Keynote lecture

**13:30-14:30** Ronald J. STEEL (University of Texas, Austin) Characterization of shelf - margin sedimentary prisms

### SB3 Interactions of Sedimentation and Tectonics

**Convenors** Mary FORD (CRPG Nancy, FRA), Vincent REGARD (University of Toulouse III - GET, FRA), Brian Horton (Jackson School of Geosciences Austin, USA), Patrice Baby (IRD - GET, FRA), Frank CHANIER (Université de Lille 1, FRA)

#### Oral presentations

10:30-10:45	<u>JOUSSIAUME Rémi</u> , MALAVAL Manon, RAZIN Philippe, GRELAUD Carine, MARTIN-MARTIN Juan Diego, SAURA Eduard, VERGES Jaume, MESSAGER Grégoire, HUNT David W.	Impact of salt tectonics on Mesozoic carbonate platform development: insights from outcrop analogues (High-Atlas, Morocco)
10:45-11:00	<u>PICHAT Alexandre</u> , HOAREAU Guilhem, CALLOT Jean-Paul, RINGENBACH Jean-Claude	Evaporitic minibasins of the Sivas Basin (Turkey)
11:00-11:15	<u>SERCK Christopher</u> , VAN YPEREN Anna, BRAATHEN Alvar, MIDTKANDAL Ivar, OLAUSSEN Snorre, APPLEYARD Tyler, OSMUNDSEN Per	Carbonate-to-clastic sediment dynamics in a high-relief supra-detachment basin - continental to marine deposition in the Bandar Jissah Basin, NE Oman
11:15-11:30	<u>BORDENAVE Aurelien</u> , ETIENNE Samuel, COLLOT Julien, GUILLEMAUT Flora, MAURIZOT Pierre, RAZIN Philippe, GRELAUD Carine, PATRIAT Martin, CLERC Camille	Paleogene sedimentary records onshore New Caledonia (South-West Pacific): implications on the timing of the New Caledonian obduction

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<b>11:30-11:45</b>	<u>GAO Chonglong</u> , JI Youliang, REN Ying	Geomorphology and sedimentary sequence evolution during the buried stage of large-scale paleouplift within hinterland area of the basin: a case study of lower Cretaceous Qingshuihe Formation in Junggar Basin, northwestern China
<b>11:45-12:00</b>	<u>LLORET Joan</u> , RONCHI Ausonio, LOPEZ-GOMEZ José, ARCHE Alfredo, DE LA HORRA Raúl, BARRENECHEA José, GRETTER Nicola	Tracing the evolution of depositional systems from the late Carboniferous to the Early Triassic in the Central Pyrenees (Erillcastell Basin): a tectono-stratigraphic approach
<b>14:30-14:45</b>	<u>BATEZELLI Alessandro</u> , LADEIRA Francisco Sergio, NASCIMENTO Diego, CORREA Leticia, SILVA Marcio	Tectonic and climatic changes in the Upper Cretaceous Sanfranciscana Basin (Southeast Brazil) based on facies and paleosols characteristics
<b>14:45-15:00</b>	<u>SU Pin-Ju</u> , LIN Andrew, HU Jyr-Ching	Interaction of tectonic movement and sea level fluctuation in a late Quaternary sea-connected inland collapse basin, Taipei Basin, North Taiwan
<b>15:00-15:15</b>	<u>CHALWATI Imen</u> , BERRA Fabrizio, BOUKADI Noureddine	Subsidence history and geodynamic evolution from a backstripping analysis of selected wells in the Gulf of Gabes basin (offshore Tunisia)
<b>15:15-15:30</b>	<u>BESSIN Paul</u> , GUILLOCHEAU François, ROBIN Cécile, BAUER Hugues, SCHROËTTER Jean-Michel	Cenozoic deformation timing and regime of the Armorican Massif (western France): new insights from a reprocessed high resolution seismic profile (Rennes Basin)
<b>16:00-16:15</b>	<u>ŠUJAN Michal</u> , ŠUJAN Martin, BRAUCHER Régis, HOK Jozef, POVINEC Pavel, ŠIPKA Frantízek	Quaternary tectono-sedimentary evolution of a major seismogenic zone: sedimentological and geochronological investigation of the Dobrá Voda depression (Western Carpathians, Slovakia)
<b>16:15-16:30</b>	<u>MIDTKANDAL Ivar</u> , ZUCHUAT Valentin, BRAATHEN Alvar, SUNDAL Anja, EVANS James	Syn-sedimentary subsurface liquefaction and collapse; injectites, pseudo-channels and pseudo-clinoforms in the Jurassic Entrada and Curtis Formations, Utah, USA
<b>16:30-16:45</b>	<u>ROSSETTI Dilce</u> , ALVES Fabio, VALERIANO Márcio	A late Holocene seismite in southern Amazonian lowlands, Brazil
<b>16:45-17:00</b>	<u>BAILLEUL Julien</u> , MALIE Pierre, CHANIER Frank, MAHIEUX Geoffroy, TOULLEC Renaud, GAGNAISON Cyril, MAISON Tatiana, POTEL Sébastien, CARON Vincent	Deformation, basin development, fluid migrations and shelf deposits on the lower trench slope of the Hikurangi margin (North Island, New Zealand)

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<b>17:00-17:15</b>	<u>BARRIER Andrea</u> , NICOL Andrew, BROWNE Greg	Impact of faulting on the late Mesozoic and younger sedimentary fill of Canterbury Basin, New Zealand
<b>17:15-17:30</b>	TOPAL Savaş, <u>ÖZKUL Mehmet</u>	Earthquake-induced deformation structures in the Upper Miocene-Pliocene sediments, Denizli Basin, SW Turkey
<b>Poster presentations</b>		
<b>SB3-D19</b>	<u>BATEZELLI Alessandro</u> , LADEIRA Francisco, NASCIMENTO Diego, DA SILVA Marcio	Tectonic and stratigraphic evolution of the Upper Cretaceous Parecis Basin in central-west of Brazil
<b>SB3-D20</b>	<u>BOURGET Julien</u> , VAKARELOV Boyan, AINSWORTH Bruce, PAUMARD Victorien, LACAZE Sébastien	Combining full-volume 3-D seismic interpretation with quantitative seismic geomorphology and modern process-based analogue databases: the next generation tools for stratigraphic analysis and reservoir characterization
<b>SB3-D21</b>	<u>CHANIER Frank</u> , GAULLIER Virginie, BAILLEUL Julien, JOLLIVET-CASTELOT Martin, MAILLARD Agnès, PAQUET Fabien, SAKELLARIOU Dimitri, FERRIERE Jacky	Strike-slip controlled versus extensional basins on the western termination of the North Anatolian Fault, in the Aegean Sea, Greece. Preliminary results from the WATER cruise (July-August 2017)
<b>SB3-D22</b>	<u>CHRISTOPHOUL Frédéric</u> , SOARES Jérémie, ARETZ Markus, CHARDON Dominique	Tectono/sedimentary and sediment source evolution of a Stephanian basin of the French Massif Central: the Decazeville Basin
<b>SB3-D23</b>	<u>ESCALANTE Leonardo E.</u> , STRECKER Manfred R., HONGN Fernando D.	Alluvial-fan terraces as strain markers for Quaternary contractile deformation in the interior of the southern Central Andes: intermontane alluvial basin fills in the Calchaquí Valley of the Eastern Cordillera (Cachi-Payogasta area), NW Argentina (25°03'S, 66°07'W)
<b>SB3-D24</b>	<u>GHANDOUR Ibrahim</u> , FÜRSICH Franz	Sedimentary facies and stratigraphic evolution of the Lower Jurassic Mashabba Formation, Gebel Al-Maghara, North Sinai, Egypt
<b>SB3-D25</b>	<u>HARRISON Bianca</u> , BORDY Emese, TAYLOR Wendy, ALMOND John, GRESSE Pieter	Palaeoenvironment and position of the Precambrian? Cambrian boundary within the Vanrhynsdorp Group of South Africa: sedimentary facies analysis and detrital zircon geochronology
<b>SB3-D26</b>	<u>JIA Langbo</u> , ZHONG Dakang	The tectono-sequence and depositional architecture of the rift-related Wenchang Formation in the Lufeng Depression, Pearl River Mouth Basin, China

## AMPHITHEATRE (Tuesday 10<sup>th</sup>)

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<b>SB3-D27</b>	<u>KARTVEIT</u> Kyrre Heldal, OMOSANYA Kamaldeen, ERUTEYA Emmanuel, JOHANSEN Ståle, WALDMANN Nicolas, RESHEF Moshe	Self-similarity of intrasalt thrust faults: lessons from offshore Levant Basin and the Dead Sea
<b>SB3-D28</b>	<u>LABORDE CASADABAN</u> Marine, HOMBERG Catherine, SCHNYDER Johann, MIGEON Sébastien, DAGHDEVIRENIAN Laurent	The Gordo Mega Bed: hybrid and multi-source mass-transport deposits in the eastern Betics (south Spain)
<b>SB3-D29</b>	<u>LESZCZYNSKI</u> Stanislaw, KODZIERSKI Mariusz	A record of deep-sea sedimentation controlled by eustasy, climate and tectonics: case study from the Campanian? Maastrichtian of the Polish Carpathians
<b>SB3-D30</b>	<u>LEVA LOPEZ</u> Julio, SNYDER Haley	Hydraulic parameters, sediment partitioning and provenance of a fluvial system in response to spatially variable subsidence: the Canyon Creek Member of the Ericson Formation, Wyoming, USA
<b>SB3-D31</b>	<u>LI Na</u> , ZHANG Jinliang, LIU Longlong	A case study about fluvial system: architectural analysis of the Sulige gas field, Ordos Basin
<b>SB3-D32</b>	<u>LLORET</u> Joan, RONCHI Ausonio, LOPEZ-GOMEZ José, ARCHE Alfredo, DE LA HORRA Raúl, BARRENECHEA José, GRETTER Nicola	Basin architecture and tectono-sedimentary interplay from the late Palaeozoic - early Mesozoic stratigraphic succession of the Central-eastern Pyrenees (Spain): an interregional perspective
<b>SB3-D33</b>	<u>NINA</u> Lidia, JIMENEZ Grisel, BLANCO Mario, WEIHED Pär, NEUMANN Virginio	Sedimentary evolution of Chutani Formation, San Pablo Tiquina section
<b>SB3-D34</b>	<u>PAQUET</u> Fabien, ALLANIC Cécile, LASSEUR Eric, BRUNO Caline, THINON Isabelle	Reactivation and interactions of cadiomian and variscan inherited structures within the intracratonic Anglo-Parisian Basin revealed by offshore studies: The Fécamp-Lillebonne and Nord-Baie-de-Seine faults
<b>SB3-E1</b>	<u>POLARD-TAINE</u> Pierre, BROCHERAY Sandra, BARRIER Pascal, DUBOIN François-André	Architecture of the sand-rich turbiditic system of Motta San Giovanni's formation: a new insight in the petroleum system potential of the Calabrian Miocene?
<b>SB3-E2</b>	<u>PRUDHOMME</u> Alice, BABY Patrice, GARCIA-CASTELLANOS Daniel, ROBERT Alexandra, HURTADO Christian, CALDERON Ysabel	2D numerical model of tectonic and surface processes since Middle Eocene, northern Peruvian Andes (6°S - 9°S)
<b>SB3-E3</b>	<u>PRUDHOMME</u> Alice, BABY Patrice, ROBERT Alexandra, CUIPA Edward, BRUSSET Stephane, CALDERON Ysabel	Uplift and climatic history along the northern Peruvian Andes margin: the Calipuy Plateau

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<b>SB3-E4</b>	<u>ROSSEL</u> Katia, <u>AGUILAR</u> German, <u>SALAZAR</u> Esteban, <u>MARTINOD</u> Joseph, <u>CARRETIER</u> Sébastien, <u>PINTO</u> Luisa, <u>CABRÉ</u> Albert	Geochronology and morphostratigraphic analysis of an intramontane depocenter and its implication in timing and processes of the Cenozoic evolution of the Chilean Frontal Cordillera
<b>SB3-E5</b>	<u>ROSSIGNOL</u> Camille, <u>LANA</u> Cristiano	Neoarchean to Paleoproterozoic geodynamic evolution of the Quadrilátero Ferrífero, São Francisco Craton, Brazil: a perspective from sedimentary archives
<b>SB3-E6</b>	<u>ROSSIGNOL</u> Camille, <u>LANA</u> Cristiano, <u>ALKMIM</u> Fernando	Early Paleoproterozoic unconformity in the southern São Francisco Craton, Brazil: climate or tectonic?
<b>SB3-E7</b>	<u>RYBAR</u> Samuel, <u>ŠARINOVA</u> Katarína, <u>ŠUJAN</u> Michal, <u>HALASOVA</u> Eva, <u>KOVAČOVÁ</u> Marianna, <u>HUDAČKOVÁ</u> Natália, <u>KOVAČ</u> Michal, <u>RUMAN</u> Andrej, <u>JAMRICH</u> Michal, <u>SCHITTENHELM</u> Andrea, <u>CSIBRI</u> Tamás, <u>NOVAKOVÁ</u> Petronela	Sedimentary life cycle of a fault controlled, finger like depocenter
<b>SB3-E8</b>	<u>SANTOS</u> Roberto, <u>COSTA</u> Lindaray, <u>DANTAS</u> Elton, <u>ALVARENGA</u> Carlos Jose	Pangea break-up and the significance of Recurrence cycles in Permian Ash Layers from the Iratí Formation, Brazil
<b>SB3-E9</b>	<u>STUECK</u> Heidrun, <u>BENSE</u> Frithjof, <u>JÄHNE-KLINGBERG</u> Fabian	Fluid migration paths through superimposed Cenozoic to Mesozoic faults and fault systems? A case study in the SW-German North Sea
<b>SB3-E10</b>	<u>VAN DEN BELT</u> Frank, <u>PRINS</u> Hendrik	A two-dimensional, quantitative approach to sequence stratigraphy and allocyclic depositional control
<b>SB3-E11</b>	<u>VATRUSHKINA</u> Elena, <u>TUCHKOVA</u> Marianna	Source and sediment transport direction of the Upper Jurassic - Lower Cretaceous deposits (Western Chukotka, N-E of Russia)
<b>SB3-E12</b>	<u>WU</u> Gaokui, <u>LIN</u> Changsong, <u>ERIKSSON</u> Kenneth, <u>YANG</u> Haijun, <u>LIU</u> Jingyan, <u>CAI</u> Zhenzhong, <u>LI</u> Hao, <u>JIANG</u> Jun	Distribution and erosion of the Mesozoic tectonic unconformities in Kuqa-Tabei area, the Tarim Basin, Northwest China: significance for the evolution of Paleo-uplifts and tectonic setting during deformation
<b>SB3-E13</b>	<u>XUAN</u> Yang, <u>JI</u> Hancheng	Sedimentary characteristics and main controlling factors of P formation in the northern slope, Bongor Basin, Chad
<b>SB3-E14</b>	<u>YAO</u> Yongjian, <u>LÜ</u> Caili, <u>WANG</u> Lijie	Tectonic evolution and genetic mechanism of Wan'an Basin, southern South China Sea

## AMPHITHEATRE (Tuesday 10<sup>th</sup>)

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<b>SB3-E15</b>	<u>ZHANG</u> Xianguo, <u>ZHANG</u> Tao, <u>CHENGYAN</u> Lin	Seismic sedimentologic interpretation of fluvial reservoir architecture in maturing oilfields
<b>SB3-E16</b>	<u>ZHAO</u> Rui, <u>CHEN</u> Si, <u>WANG</u> Hue, <u>YAN</u> Detian	Changes of sedimentary and tectonic features of Paleogene in Lenghu area, Qaidam Basin: response to the Tibetan plateau uplifting

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### Room: CASSIOPÉE

#### CB4 Microbialites and Continental carbonates: a multidisciplinary approach for improved understanding of extant and extinct systems

<b>Convenors</b>	Anneleen FOUBERT (University of Fribourg, CHE), Emmanuelle VENNIN (University of Bourgogne, FRA), Pieter T. VISSCHER (University of Connecticut, USA), Concha ARENAS-ABAD (University of Zaragoza, ESP), Ramón MERCEDES-MARTÍN (University of Hull, GBR)	
<b>Oral presentations</b>		
<b>10:30-10:45</b>	<u>TUCKER</u> Maurice, <u>PERRI</u> Edoardo, <u>SLOWAKIEWICZ</u> Mirek, <u>WHITAKER</u> Fiona, <u>BOWEN</u> Leon	Mineral precipitates in modern microbial mats: crystallites, spheroids, bacteria and viruses
<b>10:45-11:00</b>	<u>PACE</u> Aurélie, <u>BOURILLOT</u> Raphaël, <u>BOUTON</u> Anthony, <u>VENNIN</u> Emmanuelle, <u>BRAISSANT</u> Olivier, <u>DUPRAZ</u> Christophe, <u>DUTEIL</u> Thibault, <u>BUNDELEVA</u> Irina, <u>PATRIER</u> Patricia, <u>GALAUP</u> Serge, <u>YOKOYAMA</u> Yusuke, <u>FRANCESCHI</u> Michel, <u>VIRGONE</u> Aurélien, <u>VISSCHER</u> Pieter	Initiation of stromatolite formation at the interface of oxygenic-anoxygenic photosynthesis
<b>11:00-11:15</b>	<u>DIAZ</u> Mara R., <u>EBERLI</u> Gregor, <u>PHILLIPS</u> Brian, <u>SWART</u> Peter	Ooids: the unrecognized microbialites
<b>11:15-11:30</b>	<u>EYMARD</u> Inès, <u>ALVAREZ</u> María Del Pilar, <u>BILMES</u> Andrés, <u>VASCONCELOS</u> Crisogono, <u>FOUBERT</u> Anneleen, <u>ARIZTEGUI</u> Daniel	Tubular microporosity in fossil microbialites of the Maquinchao Basin (Argentina)
<b>11:30-11:45</b>	<u>METTRAUX</u> Monique, <u>HOMWOOD</u> Peter, <u>FOUBERT</u> Anneleen, <u>VANDEN BERG</u> Michael, <u>SCHAEGIS</u> Jean-Charles	Carbonate mineral species characterizing depositional environments in a system linking travertine to microbialite mounds, early Great Salt Lake, Lakeside Utah
<b>11:45-12:00</b>	<u>AUBINEAU</u> Jérémie, <u>EL ALBANI</u> Abderrazak, <u>MEUNIER</u> Alain, <u>TRENTESAUX</u> Alain, <u>RIBOULLEAU</u> Armelle, <u>RECOURT</u> Philippe	Unusual structural diversity of mat-related structures and their implications for the Francevillian biota (FB2 Formation, 2.1 Ga, Gabon)

<b>14:30-14:45</b>	<u>BOUTON Anthony</u> , VENNIN Emmanuelle, THOMAZO Christophe, BOURILLOT Raphaël, PACE Aurélie, ROCHE Adeline, VIRGONE Aurélien, GAUCHER Eric, VISSCHER Pieter	Can we predict the quantity of carbonate formed in a sedimentary basin? First insights from a "source-to-sink" approach developed from the modern Great Salt Lake, Utah, USA
<b>14:45-15:00</b>	<u>SANCHO-TOMAS Maria</u> , MEDJOUBI Kadda, BERGAMASCHI Antoine, PHILIPPOT Pascal, VISSCHER Pieter, VAN DRIESSCHE Alexander, GÉRARD Emmanuelle, FARÍAS María Eugenia, CONTRERAS Manuel, SOMOGYI Andrea	Arsenic in microbial mats of La Brava: distribution, redox state and (bio)geochemical implications
<b>15:00-15:15</b>	<u>SCHAEGIS Jean-Charles</u> , JARAMILLO-VOGEL David, WYLER Patrizia, NEGGA Haileyesus, PERROCHET Léa, FILFILU Ermias, ATNAFU Balemwal, KIDANE Tesfaye, FOUBERT Anneleen	Hot spring carbonates associated to a hypersaline lacustrine system in an active rift setting (Lake Afdera, Danakil depression, Ethiopia)
<b>14:45-15:00</b>	<u>QUIJADA I. Emma</u> , CUADRADO Diana G., MAISANO Lucía, PAN Jerónimo	Carbonate precipitation in microbial mats developed in a siliciclastic coastal environment of N Patagonia (Argentina)
<b>15:15-15:30</b>	<u>BRASIER Alexander</u> , WACEY David, MERCEDES-MARTIN Ramon, REIJMER John, ROGERSON Mike, HARDISTY Lucinda, CAPEZZUOLI Enrico	The fabric of continental carbonates: what have the microbes ever done for us?
<b>16:15-16:30</b>	<u>MARTÍN-BELLO Leticia</u> , ARENAS Concha, ALONSO-ZARZA Ana María, JONES Brian, AUQUÉ Luis, OSACAR Cinta	Lacustrine stromatolite lamination of the Miocene in the Sierra de Alcubierre (Ebro Basin, Spain)
<b>16:30-16:45</b>	<u>BERRA Fabrizio</u> , FELLETTI Fabrizio, TESSAROLLO Andrea	Oncoidal and nodular carbonates in a siliciclastic-dominated fault-controlled continental basin (Early Permian, Northern Italy): genetic processes and environmental control
<b>16:45-17:00</b>	<u>LETTERON Alexandre</u> , FOURNIER François, HAMON Youri, JOSEPH Philippe, VILLIER Loïc, FEIST Monique	Multi-proxy paleoenvironmental reconstruction of saline lake carbonates: paleoclimatic and paleogeographic implications: the Upper Eocene of the Issirac Basin (SE France)
<b>17:00-17:15</b>	<u>FRANCHI Fulvio</u> , FRISIA Silvia	Desert spring mounds: new insight on the resilience of Life
<b>17:15-17:30</b>	<u>PLA-PUEYO Sila</u> , RAMÓN Alejandro, GARCÍA-GARCÍA Fernando, VISERAS Cesar	Sedimentological characterisation of a Pleistocene fluvial tufa in the Granada Basin (Betic Cordillera, Spain)

Poster presentations		
CB4-E19	<u>APOLINARSKA Karina</u> , PEŁECHATY Mariusz, KOSSLER Annette, PRONIN Eugeniusz, NOSKOWIAK Daria	Stable isotope ( $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ ) composition of freshwater mollusc shells and its application in palaeolimnological studies
CB4-E20	<u>BOURILLOT Raphaël</u> , VENNIN Emmanuelle, PACE Aurélie, BOUTON Anthony, DUTEIL Thibault, PATRIER Patricia, BRAISSANT Olivier, DUPRAZ Christophe, VISSCHER Pieter	Looking for environmental- and bio- signatures in hypersaline microbialites: a comparison of ancient and modern sedimentary systems
CB4-E21	<u>CHACON Elizabeth</u>	Microbial sediments from the thrombolites of Cuatro Cienegas, northeastern Mexico
CB4-E22	<u>COLOMBIÉ Claude</u> , SCHAAFF Valentine, PACTON Muriel, ESCARGUEL Gilles	Is the Swiss Jura Kimmeridgian micrite C and O isotopic composition of microbial origin?
CB4-E23	<u>DESCHAMPS Rémy</u> , ROHAIS Sébastien, HAMON Youri, GASPARRINI Marta	Dynamic of a lacustrine system in a rift basin: example of the Yacoraite Formation, Salta Basin, Argentina
CB4-E24	<u>HAMON Youri</u> , ROHAIS Sébastien, DESCHAMPS Rémy, GASPARRINI Marta, BARBIER Mickaël	Characterization and distribution of the microbialites within lacustrine series: the example of the Maastrichtian-Danian Yacoraite Fm, Salta Basin, Argentina
CB4-E25	<u>FICK Cristiano</u> , TOLDO Junior Elírio, PUHL Eduardo	Shell accumulation processes in a coastal wave-dominated environment: a physical modelling approach for a lake margin scenario
CB4-E26	<u>FOUBERT Anneleen</u> , JARAMILLO-VOGEL David, DE BOEVER Eva, FEENSTRA Eline	Insights in the spatial and temporal heterogeneity of biofilm lithification through multi-scaled X-ray CT
CB4-E27	<u>FRANCHI Fulvio</u> , TISANE Rorisang	Archean stromatolites from the lower Transvaal Supergroup (Botswana): pristine geochemical signature vs late diagenetic overprint
CB4-E28	<u>GHOSH Parthasarathi</u>	Cryptic signals of the Late Triassic freshwater carbonate depositional environments in a continental rift basin
CB4-E29	<u>GHOSH Parthasarathi</u> , DASGUPTA Sanghita	The stable isotopic composition of the freshwater microbialites of the Late Triassic Maleri Formation, India
CB4-E30	<u>GOMES Joao Paulo</u> , TONIETTO Sandra, BUNEVICH Rodrigo, WHITAKER Fiona	Relationship between authigenic Mg-clay and microbialites in the lacustrine Balbuena IV sequence, NE Argentine
CB4-E31	<u>KANELLOPOULOS Christos</u> , <u>THOMAS Camille</u> , XIROKOSTAS Nikolaos, ARIZTEGUI Daniel	Biotic and abiotic processes involved in the formation of banded iron travertine

<b>CB4-E32</b>	<u>KUMPAN Tomáš</u> , KALVODA Jiří, HOLÁ Markéta, ŠKODA Radek	LA-ICP-MS study of the REEY distribution and redox oscillations during the end-Devonian Hangenberg Crisis in the Moravian Karst Palaeozoic (Czech Republic)
<b>CB4-E33</b>	<u>LETTERON Alexandre</u> , HAMON Youri, FOURNIER François, JOSEPH Philippe	Integrated characterization of a mixed (carbonate-siliciclastic and evaporitic) lacustrine system in rift basin setting: the Alès-Issirac-St Chaptes basins, Late Eocene ? Early Oligocene, SE France
<b>CB4-E34</b>	<u>LOKIER Stephen</u> , ANDRADE Luiza, COURT Wesley, DUTTON Kirsten, HEAD Ian, VAN DER LAND Cees, PAUL Andreas, SHERRY Angela	A new model for the formation of microbial polygons
<b>CB4-E35</b>	<u>LUO Ping</u>	Lower Cambrian thrombolite reef in Western Mount of Beijing
<b>CB4-F1</b>	<u>MARTIGNIER Agathe</u> , JAQUET Jean-Michel, FILELLA Montserrat, ARIZTEGUI Daniel	Could micropearls be preserved in the sedimentary record?
<b>CB4-F2</b>	<u>MCCORMACK Jeremy</u> , IMMENHAUSER Adrian, KWIECIEN Ola	Disentangling bulk carbonate lacustrine stable isotope records: the Lake Van example
<b>CB4-F3</b>	<u>MENGSHI Wang</u>	Development features and petroleum significance of alkaline lakes: a case study of Early Permian Fengcheng Formation in Muhu Sag, Junggar Basin, NW China
<b>CB4-F4</b>	<u>MOHAMMADI Zahra</u> , CLAES Hannes, MOZAFARI Mahtab, SOETE Jeroen, ÖZKUL Mehmet, SWENNEN Rudy	Application of stable carbon and oxygen isotopes in understanding the nature and spatial distribution of cementation in continental carbonates
<b>CB4-F5</b>	<u>ÖZKUL Mehmet</u> , GÖKGÖZ Ali, YÜKSEL Ali Kamil, ATLI Atahan, ÇAĞDAŞ Gamzurun	Travertine spring towers at the Hisaralan geothermal field (Sindirgi, Balikesir-NW Turkey): Depositional and geochemical approaches
<b>CB4-F6</b>	<u>ROCHE Adeline</u> , VENNIN Emmanuelle, BOUTON Anthony, OLIVIER Nicolas, WATTINNE Aurélia, BUNDELEVA Irina, VIRGONE Aurélien, DECONINCK Jean-François, VISSCHER Pieter	Oligo-Miocene lacustrine microbial-metazoan buildups from the Limagne Basin (French Massif Central)
<b>CB4-F7</b>	<u>TAGLIASACCHI Ezher</u> , KAYSERİ-ÖZER Mine, ARATMAN Cihan	The palaeoenvironmental development of Middle-Late Pleistocene Gürlek-Kocabaş and Örtülü Travertine Deposits (SW-Turkey)
<b>CB4-F8</b>	<u>TOBON VELAZQUEZ Nidia</u> , HERNÁNDEZ-TERRONES Laura, REBOLLEDO VIEYRA Mario	Paleohydrology reconstruction of the stromatolites of the Bacalar Lagoon

<b>CB4-F9</b>	<u>VENNIN Emmanuelle</u> , BOUTON Anthony, BOURILLOT Raphaël, PACE Aurélie, ROCHE Adeline, BRAYARD Arnaud, THOMAZO Christophe, VIRGONE Aurélien, GAUCHER Eric, DÉSAUBLIAUX Guy, VISSCHER Pieter	The lacustrine microbial carbonate production of the successive Bonneville and Great Salt Lakes, Utah, USA
<b>CB4-F10</b>	<u>VISSCHER Pieter</u> , GALLAGHER Kimberley, SANCHO-TOMAS Maria, PHILIPPOT Pascal, SOMOGYI Andrea, FARIAS Maria Eugenia, CONTRERAS Manuel, DUPRAZ Christophe	Carbonate precipitation in an anoxic world: sulfur and arsenic cycling in microbial mats building microbialites
<b>CB4-F11</b>	<u>WEI Mingyang</u> , BAO Zhidong, CHEN Xue, ZHAI Lihua, GUAN Cong	The formation mechanism of lacustrine Coquina-bar : a case study of Lower Jurassic Daanzhai member in Sichuan Basin
<b>CB4-F12</b>	<u>ZHONG Dakang</u> , YANG Zhe	Petrological characteristics of hydrothermal-sedimentary rocks in the Lower Cretaceous from Bayinchagan Sag, Earlian Basin, China

## Room: GUILLAUMET 1

### CSP6 Coastal sediment dynamics from past to present

<b>Convenors</b>	Jasper KNIGHT (University of the Witwatersrand, Johannesburg, ZAF), Daniela RUBERTI (Campania University "L. Vanvitelli", ITA), Mikkel FRUERGAARD (Geological Survey of Denmark & Greenland, DNK), Ernesto SCHWARZ (University of La Plata & CONICET, ARG), Massimo MORETTI (Bari University, ITA)	
<b>Oral presentations</b>		
<b>10:30-10:45</b>	<u>PASCUCCI Vincenzo</u> , DE FALCO Giovanni, DEL VAIS Carla, ANDREUCCI Stefano	Late Holocene millenium t-r cycles and human impact on the evolution of coastal barrier system (W Sardinia, Italy)
<b>10:45-11:00</b>	<u>LEVA LOPEZ Julio</u> , ROSSI Valentina, STEEL Ronald, OLARIU Cornel	Shelf Ridges: stratigraphic characterization and process domination. An example from the Campanian Almond Formation, Wyoming
<b>11:00-11:15</b>	<u>KNIGHT Jasper</u> , BURNINGHAM Helene	Saltmarsh sediments as a record of coastal events
<b>11:15-11:30</b>	<u>DAVIES-VOLLUM Katherine</u>	Recent shoreline change at the Muni-Pomadze lagoon, Ghana: influences and impacts

<b>11:30-11:45</b>	<u>VAN YPEREN</u> Anna, MIDKANDAL Ivar, HOLBROOK John	Facies architecture and stratigraphic development of a thin, low-gradient delta along a sandy coast ? the Cretaceous Mesa Rica Sandstone in New Mexico (USA)
<b>11:45-12:00</b>	<u>ZIMMER</u> Eva, HOWELL John, SCHOFIELD Nicholas, HARTLEY Adrian, GAWTHORPE Robert	Seismic geomorphology linked to sequence stratigraphy of an Eocene delta i the Outer Moray Firth, UKCS
<b>14:30-14:45</b>	<u>ROSSI</u> Valentina, KIM Wonsuck, LEVA LOPEZ Julio, EDMOND: Douglas, GELEYNSE Nathanael, OLARIU Cornel, STEEL Ronald, PASSALACQUA Paola, HIATT Matt	Impact of tidal currents on deltaic morphology, stratigraphic architecture an sediment partitioning
<b>14:45-15:00</b>	<u>LI</u> Shunli, YU Xinghe, STEEL Ronald, ZHU Xiaomin, LI Shengli, CAO Bing, HOU Guowei	Change from tide-influenced deltas in a regression-dominated set of sequence to tide-dominated estuaries in a transgression-dominated sequence set, Eas China Sea Shelf Basin
<b>15:00-15:15</b>	<u>FRUERGAARD</u> Mikkel, TESSIER Bernadette, POIRIER Clément MOUAZÉ Dominique, WEILL Pierre, NOËL Suzanne	Architecture, evolution and depositional controls of a late Holocene hypertidal recurved barrier-spit system
<b>15:15-15:30</b>	<u>CHAUMILLON</u> Eric, BERTIN Xavier, COULOMBIER Thibault, Di BAKKER Anouk, MILLESCAMPS Bastien, GUÉRIN Thomas, LONG Nathalie	Short-term high resolution dynamics of a tidal inlet: the Maumusson Inlet, SV France
<b>16:00-16:15</b>	<u>NEUMEIER</u> Urs, RAO Alexandra, SENNEVILLE Simon	Structures and movements of large submarine tidal dunes in the St. Lawrence Estuary (Canada)
<b>16:15-16:30</b>	<u>BAUMANN</u> Juliette, CHAUMILLON Eric, SCHNEIDER Jean-Luc BERTIN Xavier, GUILLOT Benoît, SCHMUTZ Myriam	Washover deposit: sediment record of overwash events related to exceptional infragravity waves
<b>16:30-16:45</b>	<u>GARCÍA-GARCÍA</u> Fernando, YESTE Luis, HENARES Saturnina, VISERAS Cesar	Tides and waves influence variability on the shoreline systems of the Heterolithi Unit from the Triassic tabular cover of the Iberian Meseta
<b>16:45-17:00</b>	<u>SCHWARZ</u> Ernesto, VEIGA Gonzalo, ISLA Manuel	A critical review of architectural styles in foreshore-to-upper-shoreface sand bodies: what does preservation tell us about morphology and controlling factors?
<b>17:00-17:15</b>	<u>CARLING</u> Paul, WILLIAMS Jon, LEYLAND Julian	Origin of shore-normal grooves (gutters) on a steep sandstone beach-face
<b>17:15-17:30</b>	<u>GOSLIN</u> Jérôme, CLEMENSEN Lars B.	A high-resolution Holocene record of past storminess and coastal dynamics: Fils lake, Western Denmark

**Poster presentations**

<b>CSP6-B19</b>	<u>AL-LANGAWI Alham</u> , PASCUCCI Vincenzo	Sea-level changes and its effect on the formation of ooiditic ridges at Al Khiran south Kuwait
<b>CSP6-B20</b>	<u>CHAUMILLON Eric</u> , GAUDEFROY Julia	Decadal and centennial evolutions of beaches in contrasted coastal environments
<b>CSP6-B21</b>	<u>CHEN Cheng</u> , ZHU Yixiang, LEI Zhengdong	Flume tank study of the formation process and sedimentary characteristics of shallow-water delta
<b>CSP6-B22</b>	<u>EMMANOUILIDIS Alexandros</u> , KATRANTSIOS Christos, NORSTRÖM Elin, RISBERG Jan, KYLANDER Malin, SHEIK Taariq, ILIOPOULOS George, AVRAMIDIS Pavlos	Mid to Late Holocene paleoenvironmental study of Gialova lagoon, SW Peloponnese, Greece
<b>CSP6-B23</b>	<u>GOMIS CARTESIO Luz Elena</u> , POYATOS-MORÉ Miquel, JERRETT Rhodri, HODGSON David, FLINT Stephen	Basin margin strike variability along a 70 km strike transect: Tanqua Depocentre Karoo Basin, South Africa
<b>CSP6-B24</b>	<u>GOUGH Amy</u> , HALL Robert, MCNEIL Joseph	The evolution of the Oligocene fluvio-deltaic environments of the Salin Basin Myanmar
<b>CSP6-B25</b>	<u>GYUJIN Shin</u> , KIM Ji Hun, LEE Young Yun, CHANG Tae Soo	Effects of typhoons on morphological changes in sandy beaches and implication for preservation potential
<b>CSP6-B26</b>	<u>ISLA Manuel</u> , SCHWARZ Ernesto, VEIGA Gonzalo	Architectural analysis of upper-shoreface deposits at intra-parasequence scale different morphological configurations and possible controls
<b>CSP6-B27</b>	<u>KNIGHT Jasper</u> , BURNINGHAM Helene	The role of bedrock structure in shore platform development: an example from South Africa
<b>CSP6-B28</b>	<u>LISBOA Douglas</u> , LAFUERZA Sara, GORINI Christian, CAUQUIER Eric, CONTET Julien	Submarine canyons morphology and failure processes along the continental slope of the northwestern Foz do Amazonas basin, Brazil
<b>CSP6-B29</b>	<u>LISCO Stefania</u> , MORETTI Massimo, MORETTI Vincenzo, CARDONE Frine, CORRIERO Giuseppe, LAZIĆ Tamara, LONGO Caterina	The dynamics of worm tube reefs: field, laboratory and analogical model analyses
<b>CSP6-B30</b>	<u>MAILLET Grégoire</u> , BLANCHET Loïc, VELLA Claude, DURAND Matthieu, MOJTAHID Meryem	Spatial variability of surface sediments grain-size of the Loire estuary
<b>CSP6-B31</b>	<u>MAILLET Grégoire</u> , PALMA-LOPES Sergio, LEFEUVRE Mathieu	Evaluation of two near surface geophysical methods to investigate mud flat deposits in the Loire estuary

<b>CSP6-C1</b>	<u>MIGNARD Salomé</u> , <u>MARTINEZ Philippe</u> , <u>MULDER Thierry</u> , <u>EL ALBANI Abderrazak</u> , <u>Garlan Thierry</u>	Variations in the mineral composition of the Gabonese margin sediments and their impact on organic matter content
<b>CSP6-C2</b>	<u>PELLERIN LE BAS Xavier</u> , <u>LEVOY Franck</u>	A cycle of sand spit nourishment by swash bars on macrotidal ebb-tidal delta
<b>CSP6-C3</b>	<u>POIGNANT Loïk</u> , <u>DUGUE Olivier</u> , <u>DELCAILLAU Bernard</u>	Origins of the Quaternary marshes on the coastal watersheds of the English Channel : example of the marsh of Vimont (Normandy, France)
<b>CSP6-C4</b>	<u>PRÉMAILLON Mélody</u> , <u>REGARD Vincent</u> , <u>DEWEZ Thomas</u>	Rocky coast erosion rates and coastal sediment budget
<b>CSP6-C5</b>	<u>RAGON Maxime</u> , <u>QUIQUEREZ Amélie</u> , <u>PFEFFER Julia</u> , <u>ALLEMAND Pascal</u>	Storm effects on the decadal shoreline dynamics of a sandy coast: the example of the Goulven Bay (Brittany, France)
<b>CSP6-C6</b>	<u>RUBERTI Daniela</u> , <u>MANDOLINI Alessandro</u> , <u>MATANO Fabio</u> , <u>PICARELLI Luciano</u> , <u>SACCHI Marco</u> , <u>VIGLIOTTI Marco</u>	Holocene stratigraphic architecture and current land subsidence of the Volturno coastal plain (northern Campania, southern Italy)
<b>CSP6-C7</b>	<u>SORIA Janneli Lea</u> , <u>SWITZER Adam</u> , <u>SIRINGAN Fernando</u> , <u>PILARCZYK Jessica</u> , <u>KHAN Nicole</u> , <u>TANG Hui</u> , <u>WEISS Robert</u> , <u>LAU A.y. Annie</u> , <u>FRITZ Hermann</u>	Geomorphic and sedimentologic imprints of storm surges associated with typhoons Durian and Haiyan on coastlines of the Philippines
<b>CSP6-C8</b>	<u>SZCZUCIŃSKI Witold</u> , <u>MOSKALIK Mateusz</u>	Sediment flocculation in fjords: tidewater glacier bay vs river-dominated bay
<b>CSP6-C9</b>	<u>TESSIER Bernadette</u> , <u>POIRIER Clément</u> , <u>FRUERGAARD Mikkel</u> , <u>MOUAZÉ Dominique</u> , <u>WEILL Pierre</u> , <u>NOËL Suzanne</u> , <u>CHAUMILLON Eric</u>	Sandspit evolution in macrotidal settings. A comparative study
<b>CSP6-C10</b>	<u>VAN DER VEGT Helena</u> , <u>STORMS Joep</u> , <u>WALSTRA Dirk-Jan</u> , <u>LI Liang</u> , <u>NORDAHL Kjetil</u> , <u>MARTINIUS Allard</u> , <u>HOWES Nick</u>	Sediment deposition and preservation in mouth bar complexes of progradin deltas
<b>CSP6-C11</b>	<u>WALSH John</u> , <u>CHAUMILLON Eric</u> , <u>SCHNEIDER Jean-Luc</u> , <u>CORBETT David</u> , <u>BAUMANN Juliette</u> , <u>SCHMIDT Sabine</u> , <u>KELLY Nick</u>	Coastal sedimentary response to dynamic natural and anthropogenic conditions examples from Southwest France and Southeast U.S.
<b>CSP6-C12</b>	<u>YAN Dezhi</u> , <u>XU Huaimin</u> , <u>LIN Chengyan</u>	Depositional characteristics of the the second member of the Shaheji Formation in the east slope of Gudao uplift
<b>CSP6-C13</b>	<u>ZUCHUAT Valentin</u> , <u>SLEVELAND Arve</u> , <u>RIMKUS Algirdas</u> , <u>BRAATHEN Alvar</u> , <u>MIDTKANDAL Ivar</u>	Modelling the sequence stratigraphic development of the Upper Jurassic Curti Formation along the NE Margin of the San Rafael Swell, Central-Eastern Utah USA: an example of a low-gradient tidal basin

## Room: GUILLAUMET 2

### PP2 Jurassic-Cretaceous climates, (bio)-events and paleogeography: from data to modelling

<b>Convenors</b>	Pierre PELLENARD (University of Bourgogne, FRA), Emanuela MATTIOLI (University of Lyon 1, FRA), József PALFY (Eötvös University, HUN), Guillaume DERA (University of Toulouse III - GET, FRA)	
<b>Oral presentations</b>		
<b>10:30-10:45</b>	<u>PÁLFY József</u> , KOVÁCS Zsófia, KOCSIS Ádám	Carbon isotope stratigraphy across the Triassic-Jurassic boundary: a new global $\delta^{13}\text{C}$ stack for correlation and tracking carbon cycle perturbations
<b>10:45-11:00</b>	<u>SCHÖLLHORN Iris</u> , ADATTE Thierry, SPANGENBERG Jorge, HOUBEN Sander, VAN DE SCHOOTBRUGGE Bas, JANSEN Nico, FÖLLMI Karl	Climatic and environmental change in the aftermath of the end Triassic mass extinction event - evidence from the Dorset section (GB)
<b>11:00-11:15</b>	<u>BAGHLI Hicham</u> , MATTIOLI Emanuela, SPANGENBERG Jorge E., BENSAHAL Mustapha, PITTEL Bernard, SUAN Guillaume	Extreme environmental changes in the early Jurassic as deduced from carbon and oxygen stable isotopes of brachiopod calcite
<b>11:15-11:30</b>	<u>PRICE Gregory</u>	Stable isotope analyses of belemnite rostra from the Pliensbachian-Toarcian boundary: implications for surface water conditions during deposition
<b>11:30-11:45</b>	<u>FANTASIA Alicia</u> , FÖLLMI Karl B., ADATTE Thierry, SPANGENBERG Jorge E., BERNÁRDEZ Enrique, MATTIOLI Emanuela	The Early Toarcian oceanic anoxic event: northern vs southern hemisphere paleoenvironmental records. Insights from Switzerland and Chile
<b>11:45-12:00</b>	<u>RUEBSAM Wolfgang</u> , MAYER Bernhard, SCHWARK Lorenz	The early Toarcian environmental crises: mechanisms and consequences of an icehouse-greenhouse transition
<b>14:30-14:45</b>	<u>SUAN Guillaume</u>	Paleogeographic controls on organic carbon burial during the Toarcian oceanic anoxic event
<b>14:45-15:00</b>	<u>DANISE Silvia</u> , HOLLAND Steven, PRICE Gregory	Integrating sequence stratigraphy and stable isotope geochemistry to reconstruct environmental and climate change in the Jurassic Sundance Seaway
<b>15:00-15:15</b>	<u>WIERZBOWSKI Hubert</u> , BAJNAI David, WACKER Ulrike, FIEBIG Jens, ROGOV Mikhail	Constant seawater temperature and salinity variations at the Middle? Late Jurassic transition in Subboreal basins: insights from clumped isotope analyses
<b>15:15-15:30</b>	<u>GRABOWSKI Jacek</u> , HAAS Janos, STOYKOVA Kristalina, WIERZBOWSKI Hubert, BRANSKI Paweł	A 4.5 My record of palaeoenvironmental changes across the Jurassic/Cretaceous boundary (Lókút section, Transdanubian Mts, Hungary): lithogenic input, palaeoproductivity and climatic trends

<b>16:00-16:15</b>	<u>GRESELLE Benjamin</u> , VAN BUCHEM Frans, RAY David, DAVIES Andrew, SIMMONS Mike	Greenhouse vs Icehouse: is it that simple? Examples from the Jurassic and Cretaceous
<b>16:15-16:30</b>	<u>JENKYNs Hugh</u>	Transient cooling episodes during Cretaceous oceanic anoxic events
<b>16:30-16:45</b>	<u>HUSINEC Antun</u> , READ Fred J.	Hauterivian to Albian stable carbon- and oxygen-isotope record and its relation to OAEs and ~9 m.y. and ~400 k.y. relative sea level changes, Adriatic platform, Croatia
<b>16:45-17:00</b>	<u>AMODIO Sabrina</u> , WEISSERT Helmut	Evolution of central Tethyan carbonate platforms before and at the onset of oceanic anoxic event (OAE)1a: timing of biotic and environmental changes
<b>17:00-17:15</b>	<u>LU Feng</u> , TAYLOR David, REID Chris, ABDELBAGI Sami, POMAR Kenri	Multiple isotope ( $\delta^{13}\text{C}$ , $\delta^{18}\text{O}$ , $\delta^{34}\text{S}$ and $^{87}\text{Sr}/^{86}\text{Sr}$ ) records of the early Aptian OAE1a and reservoir characterization in the Shuaiba carbonates, Rub' al-Khali, Saudi Arabia
<b>17:15-17:30</b>	<u>HEIMHOFER Ulrich</u> , WUCHERPENNIG Nina, ADATTE Thierry, SCHOUTEN Stefan, SCHNEEBELI-HERMANN Elke, GARDIN Silvia, KELLER Gerta, KENTSCH Sarah, KUJAU Ariane	Response of mid-latitude vegetation to climatic perturbations during OAE2

#### Poster presentations

<b>PP2-I8</b>	<u>ARRIBAS Maria Eugenia</u> , MAS Ramón, GONZÁLEZ-ACEBRÓN Laura, QUIJADA I. Emma	New evidence of Berriasian marine influence in the West Cameros intraplate extensional basin (North Spain)
<b>PP2-I9</b>	<u>BAK Marta</u> , BĄK Krzysztof	Radiolarian responses to paleoceanographic regime in the Pieniny Klippen Belt Basin of northern Western Tethys during the Late Jurassic
<b>PP2-J1</b>	<u>BOMOU Brahim samba</u> , ARNAUD-VANNEAU Annie, ADATTE Thierry	Large benthic foraminifera biotic responses during OAE2 : the Guerrero-Morelos carbonate platform, Mexico
<b>PP2-J2</b>	<u>CHARBONNIER Guillaume</u> , FÖLLMI Karl, SPANGENBERG Jorge, ADATTE Thierry	The expression of early Aptian to latest Cenomanian oceanic anoxic episodes in the sedimentary record of the Briançonnais domain
<b>PP2-J3</b>	<u>CHAUDHURI Angana</u> , ARORA Ashwin, BANERJEE Santanu	Physico-chemical characteristics of a Kimmeridgian black shale: Jhuran Formation, Western India

<b>PP2-J4</b>	<u>CHENOT Elise</u> , DECONINCK Jean-François, PUCÉAT Emmanuelle, PELLENARD Pierre, GUIRAUD Michel, JAUBERT Maxime, JARVIS Ian, THIBAULT Nicolas, COCQUEREZ Théophile, BRUNEAU Ludovic, BOUSSAHA Myriam, RICHARD James, STEMMERIK Lars, SIZUN Jean-Pierre	Continental weathering as a driver of Late Cretaceous cooling: new insights from clay mineralogy of Campanian sediments from the southern Tethyan margin to the Boreal realm
<b>PP2-J5</b>	<u>COLOMBIÉ Claude</u> , REBOULET Stéphane, GIRAUD Fabienne, DECONINCK Jean-François, SPANGENBERG Jorge	Characterization and stratigraphic correlation of the MCE1 in SE France
<b>PP2-J6</b>	<u>DANISCH Jan</u> , NUTZ Alexis, KABIRI Lahcen, BODIN Stéphane	Timing of sea-level fluctuations and carbon cycle perturbation associated with the Sinemurian-Pliensbachian Boundary event: new insight from the High Atlas Mountains of Morocco
<b>PP2-J7</b>	DEVILLE DE PERIERE Matthieu, <u>PELLENARD Pierre</u> , THIBAULT Nicolas, MORTIMORE Rory	Variations of the marine carbon isotope signal across the Santonian/Campanian boundary. New data from the Flamborough Chalk Formation, East Yorkshire, United Kingdom
<b>PP2-J8</b>	DUARTE Luis Vitor, SILVA Ricardo Louro, MENDONÇA FILHO João Graciano, AZERÊDO Ana Cristina, PAREDES Ricardo	Total organic carbon content and carbon stable isotopes in the Sinemurian shallow-water carbonates (Coimbra Formation) of the Lusitanian Basin, Portugal
<b>PP2-J9</b>	DUPIAS Victor, <u>PELLENARD Pierre</u> , CARMEILLE Mehdi, BOURILLOT Raphaël, SCHNYDER Johann, RIQUIER Laurent, BRUNET Marie-Françoise, ENAY Raymond, BLANPIED Christian	Characterization of Upper Jurassic organic-matter-rich carbonates in the Gissar Mountains (Tubiegatan section, Uzbekistan)
<b>PP2-J10</b>	<u>EL HAJJ Layla</u> , BAUDIN François, MAKSOUD Sibelle, GÈZE Raymond, AZAR Dany	Depositional conditions of dysodiles, uncommon lacustrine oil shales from the Barremian of Lebanon
<b>PP2-J11</b>	<u>FABRE Sébastien</u> , LÉZIN Carine, LEBEDEL Vanessa	Are REE a good tool for recording palaeo-redox conditions? Example of the OAE2 on the NW African margin
<b>PP2-J12</b>	<u>FRANCESCHI Marco</u> , PRETO Nereo, DAL CORSO Jacopo, COBIANCHI Miriam	Rise in abundance of <i>Schizospherella</i> spp. after the S-P Event (Sinemurian-Pliensbachian, Early Jurassic, Southern Alps)
<b>PP2-K1</b>	FRESLON Nicolas, <u>PUCÉAT Emmanuelle</u> , ABRAMOVITCH Sigal, ASHKENAZI-POLIVODA Sarit, CAPETTA Henri, DECONINCK Jean-François, PELLENARD Pierre, THOMAZO Christophe, CHENOT Elise	Ocean circulation during the Late Cretaceous : insights from Nd isotope values of fish remains and carbonates on the southern Tethyan margin (Levant Platform, Israël)

<b>PP2-K2</b>	GROSHENY Danièle, <u>FERRY Serge</u> , LÉCUYER Christophe	Cenomanian-Turonian Boundary Event bounded by two tectonic pulses, large-scale sequence stratigraphy approach shows
<b>PP2-K3</b>	<u>GUO Chen</u>	Biomarker and inorganic geochemistry of Cretaceous carbonate-bearing mudstone from Jiuquan Basin, northwestern China: Implications for their origin and paleoenvironment
<b>PP2-K4</b>	<u>HAN Zhong</u> , HU Xiumian, KEMP David B., LI Juan	Carbonate platform response to the Toarcian Oceanic Anoxic Event in the Tibetan Himalaya: Implications for environmental change and biotic platform demise
<b>PP2-K5</b>	<u>HAUPT T'Nielle</u> , BORDY Emese	Palaeoenvironmental change in the Hettangian to Toarcian continental Karoo strata in Moyeni, Quthing District, southwestern Lesotho
<b>PP2-K6</b>	HUCK Stefan, SCHMITT Katharina, GARCÍA Barrera Pedro, IMMENHAUSER Adrian	Westernmost proto-North Atlantic neritic archives of Barremian-Aptian environmental change
<b>PP2-K7</b>	<u>HUETER Alexander</u> , BODIN Stéphane, HUCK Stefan, IMMENHAUSER Adrian	Exploring the controls of Early Aptian Tethyan and proto-Atlantic reefal palaeoecology turnover
<b>PP2-K8</b>	MERCUZOT Mathilde, <u>PELLENARD Pierre</u> , DURLET Christophe, BOUGEAULT Cédric, DOMMERGUES Jean-Louis, MEISTER Christian, MATHIEU Olivier, BRUNEAU Ludovic, BAUDIN François, HURET Emilia	Synchronous carbon-isotope events during the Lower Pliensbachian along the northern and southern Tethyan margins
<b>PP2-K9</b>	<u>SAKER-CLARK Matthew</u> , COE Angela L., KEMP David B., NICOARA Simona C.	A sedimentary and geochemical record of millennial-scale tropical climate change during the Toarcian Oceanic Anoxic Event
<b>PP2-K10</b>	THIBAUT Nicolas, RUHL Micha, ULLMANN Clemens, KORTE Christoph, KEMP David, GRÖCKE Darren, HESSELBO Stephen	The Toarcian Oceanic Anoxic Event of Yorkshire coastal outcrops (UK) in its wider context
<b>PP2-L1</b>	<u>TODARO Simona</u> , RIGO Manuel, DI STEFANO Pietro, ZARCONE Giuseppe, RANDAZZO Vincenzo	Acidification processes in a peritidal carbonate succession across the Triassic/Jurassic boundary (Sicily)
<b>PP2-L2</b>	<u>WANG Jianpeng</u> , REDFERN Jonathan, TAYLOR Kevin, BULOT Luc	Controls on the source rock development during Cenomanian-Turonian oceanic anoxic event in Morocco
<b>PP2-L3</b>	<u>WANG Shuai</u> , SHAO Longyi, WANG Dongdong, SUN Qinping, SUN Bin, LU Jing	Sequence stratigraphy and coal accumulation of the Early Cretaceous coal-bearing series in the Erlian Basin, NE China
<b>PP2-L7</b>	<u>ZHAO Yanpu</u> , WANG Hua, CAO Haiyang, SUN Ming	The sedimentary study of Mesozoic stratum in Chaoshan Depression, northern South China Sea

<b>PP2-L8</b>	<u>ZIEBA Krzysztof</u> , FELIX Maarten	The Early Cretaceous depositional environments in the Barents Sea; a stochastic modelling approach in StoRM software
<b>PP2-L9</b>	<u>ZUO Fanfan</u> , HEIMHOFER Ulrich, HUCK Stefan, ERBACHER Jochen, BODIN Stéphane	Integrated stratigraphy of a Kimmeridgian carbonate ramp setting (Lower Saxony Basin, Northern Germany): combining sedimentology, sequence-, chemo- and biostratigraphy

## Room: SPOT

SR2 Sedimentology of Unconventional Systems		
<b>Convenors</b>	Vincent CROMBEZ (IFP Energies Nouvelles, FRA), Tristan EUZEN (IFP Technologies, CAN), François BAUDIN (University of Paris VI, FRA), Dorrik STOW (Heriot-Watt University, GBR)	
Oral presentations		
<b>10:30-10:45</b>	<u>SUAREZ-RUIZ Isabel</u> , JULIAO Tatiana, MARQUEZ Robert, RUIZ Begoña	Organic indices to characterize the maturity of some shale oil resource systems: a case study
<b>10:45-11:00</b>	<u>LIU Keyu</u> , LIU Chang, XI Kelai, CAO Yingchang, WANG Xiaoqi, ZHU Rukai	Chemo-sedimentary facies analysis: an innovative approach for characterizing fine-grained sedimentary rocks
<b>11:00-11:15</b>	<u>HARRIS Nicholas</u> , AYRANCI Korhan, KNAPP Levi, DONG Tian, MCMILLAN Julia	Predicting shale reservoir properties from facies and mineralogy: an example from the Devonian mudstones in western Canada
<b>11:15-11:30</b>	<u>EUZEN Tristan</u> , MOSLOW Thomas F., CAPLAN Mark	The Montney Play of Western Canada: Deposition to Development
<b>11:30-11:45</b>	<u>GUO Kunzhang</u> , PANG Xiongqi, WANG Hongwai, SU Songcheng, LI Hui	Characteristics and Effecting Factors of Pore Structure of Hypersaline Lacustrine Shales: A Case Study of the Paleogene Shahejie Shales in Dongpu Depression, Bohai Bay Basin, China
<b>11:45-12:00</b>	<u>RUTMAN Philippine</u> , LEJAY Alain, KLUSKA Jean-Michel, HERNANDEZ Eider, GELIN François	Origin, characteristics and potential impacts of volcanic ash beds from the Vaca Muerta Formation, Neuquén Basin, Argentina

Poster presentations		
SR2-A19	<u>CAO Zheng</u> , LIN Chengyan, REN Lihua	Mineral dating and the impact of mantle-derived CO <sub>2</sub> charging on the reservoir quality of the Low Cretaceous Quantou Formation tight sandstones in the southern Songliao Basin, China
SR2-A20	<u>CHEN Jing</u> , WANG Guiwen, LAI Jin	Sweet spot prediction in tight oil reservoirs based on petrophysical facies
SR2-A21	<u>DAI Rong</u> , LUO Shunshe, LYU Qiqi, FU Jinhua, NIU Xiaobing, XU Liming, FENG Shengbin, LI Shixiang	Trace elements characteristics and sedimentary environment of lacustrine shale, Triassic Chang 7 Formation, Ordos Basin, NW China
SR2-A22	<u>DONG Chunmei</u> , MA Cunfei, LUAN Guoqiang, LIN Chengyan, SUN Xiaolong, LIU Xiaocen	The characteristics and model of primary migration for shale oil
SR2-A23	<u>DESCHAMPS Rémy</u> , OMODEO SALE Silvia, CHAUVEAU Benoit, FIERENS Ruth, EUZEN Tristan	Stratigraphic architecture and spatial distribution controlling factors of coal and carbonaceous shales deposits: the Mannville Group, WCSB (Alberta, Canada)
SR2-A24	<u>GUO Kunzhang</u> , PANG Xiongqi, PAN Zhihong	A revised model for TOC prediction in Shales: a case study in Liutun Sag, Dongpu Depression, Bohai Bay Basin, East China
SR2-A25	<u>KEVIN Taylor</u> , NEWPORT Sarah, JERRETT Rhodri, HOUGH Ed, WORDEN Richard	High-resolution characterisation of a mud-rich slope succession: the Carboniferous Bowland Basin, NW England (UK)
SR2-A26	<u>LI Na</u> , ZHANG Jinliang, XU Guangchen	Methodology integration: prediction of source rocks
SR2-A27	<u>LI Qing</u>	Reservoir characteristics and control factors of tight lacustrine carbonate reservoirs in Shulu Sag of Bohai Bay, China
SR2-B1	<u>LI Tingwei</u> , JIANG Zhenxue, XU Chenlu, ZHI Wang	Classification of shale lithofacies in the Lower Third Member of the Shahejie Formation, Zhanhua Sag, Eastern China
SR2-B2	<u>OMODEO-SALÉ Silvia</u> , <u>DESCHAMPS Rémy</u> , <u>MICHEL Pauline</u> , <u>CHAUVEAU Benoit</u> , <u>SUÁREZ-RUIZ Isabel</u>	Depositional environments and composition controlling factors of coal and carbonaceous shales deposits: the Mannville Group, WCSB (Alberta, Canada)
SR2-B3	<u>SHAO Xinhe</u> , XIONGQI Pang, FUJIE Jiang	Pore structure characterization of tight gas sandstones using NMR and IPMI experiments
SR2-B4	<u>RAVIER Edouard</u> , MARTINEZ Mathieu, ZANELLA Alain, LARMIER Salomé	An orbital control on beef distribution in mature source rock? (Vaca Muerta Formation, Neuquén Basin, Argentina)
SR2-B5	<u>WEI Wang</u>	Rock types and characteristics of tight reservoir in Shahezi Formation, Longfengshan subsag, China

<b>SR2-B6</b>	JU Meixin, YIN Zhijun, ZHANG Ji	Characterization and distribution of effective sandstone body of fluvial tight gas reservoir, Member 8 of Shihezi Formation, Su 6 Block, Ordos basin, central China
<b>SR2-B7</b>	ZANG Dongsheng, BAO Zhidong, WANG Simin	Sedimentary characteristics of oil shales of the fault-depression Lake Basin: a case study on Jianchang basin in China
<b>SR2-B8</b>	ZHANG Qin, LIU Chang, QIAO Lijingyu, MEI Xiaohan	Microscopic pore type and classification criterion of shale reservoir?a case from the Shahejie Formation in Zhanhua Sag, Bohai Bay Basin
<b>SR2-B9</b>	ZHOU Zhenglong, WANG Guiwen, LAI Jin	A logging identification method of tight oil reservoir lithology and lithofacies: a case from Member Chang7 of Trassic Yanchang Formation in Heshui area, Ordos basin, NW China

### SR1 Ore geology in Sedimentary Realm

<b>Convenors</b>	Rodrigo RIQUELME (Universidad Católica del Norte, CHL), Sébastien CARRETIER (IRD - GET, FRA), Alberto FERNÁNDEZ-MORT (Universidad Católica del Norte, CHL & Universidad Complutense de Madrid, ESP), Olivier PARIZE (AREVA, France), El Hassane CHELLAI (UCA, MAR)
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<b>Oral presentations</b>		
14:30-14:45	EVENSTAR Laura, VAN ZALINGE Marit, MATHER Anne, COOPER Frances	Regional controls on water table levels in the Northern Atacama Desert; Implications for supergene enrichment
14:45-15:00	FERNANDEZ-MORT Alberto, RIQUELME Rodrigo, ALONSO-ZARZA Ana María, CAMPOS Eduardo	Role of evapoconcentration in sediment-hosted exotic-Cu mineralization, Atacama Desert, Chile
15:00-15:15	EL BAMIKI Radouan, SERANNE Michel, CHELLAI El Hassane, MERZERAUD Gilles, MARCHAND Emilie	Sedimentology and sequence stratigraphy of phosphate-bearing deposits across the High Atlas of Morocco
15:15-15:30	RALLAKIS Dimitrios, CATHELINÉAU Michel, MICHELS Raymond, BROUAND Marc, PARIZE Olivier	Significance of dolomite cement formation in the fluvial-lacustrine reservoir from the Zoovch Ovoo uranium deposit, Mongolia

<b>Poster presentations</b>		
<b>SR1-A28</b>	CAMPOS Eduardo, MENZIES Andrew, FERNANDEZ-MORT Alberto, RIQUELME Rodrigo	Variations on fluid chemistry during the formation of Cu-exotic deposits revealed by banding textures of chrysocolla
<b>SR1-A29</b>	CHELLAI El Hassane, RHALMI Mohamed, ALMOUDANE INTAKARBAYT Arali	Two examples of ore geology in sedimentary realm from Morocco: the manganese and phosphorites deposits

<b>SR1-A30</b>	<u>HOU Haihai</u> , LONGYI Shao, SHUAI Wang, ZHENGHUI Xiao, XUETIAN Wang	Influences of depositional facies on coalbed methane accumulation: a case study of the Qinshui Basin in northern China
<b>SR1-A31</b>	<u>LAURENT</u> Dimitri, LOPEZ Michel, CHAUVET Alain, SAUVAGE Anne-Charline, BUATIER Martine, SPANGENBERG Jorge E.	Seismic valve as the main mechanism for sedimentary fluid entrapment within extensional basin: example of the Lodève Permian Basin (Hérault)
<b>SR1-A32</b>	<u>MUÑOZ</u> Sebastián, RIQUELME Rodrigo, GONZALEZ Rodrigo, CAMPOS Eduardo, FERNANDEZ-MORT Alberto, PIZARRO Hector	Facies and stable isotopes analysis from Cenozoic gravels deposits, and paleoenvironment-climate interpretation, Centinela Mining District, Atacama Desert, Chile
<b>SR1-B10</b>	<u>PIZARRO</u> Hector, CAMPOS Eduardo, BOUZARI Farhad, Rousse Sonia, RIQUELME Rodrigo	Evaluation of the mineralogical signal as a tracer of the denudation of porphyry-Cu mineralized systems in the sediment infill of adjacent basins in Northern Chile
<b>SR1-B11</b>	<u>RIQUELME</u> Rodrigo, CAMPOS Eduardo, CARRETTIER Sébastien, MUÑOZ Sebastián, FERNANDEZ-MORT Alberto, SANCHEZ Caroline	Sedimentological constraints on the unroofing history and geomorphological and paleoclimate conditions allowing supergene and exotic Cu mineralization from porphyry copper: the Centinela Mining District, Atacama Desert
<b>SR1-B12</b>	<u>RUEBSAM</u> Wolfgang, SCHWARK Lorenz	Multiple alterations of the trace metal inventory in Permian Kupferschiefer deposits by chemically distinct fluids
<b>SR1-B13</b>	<u>YAO</u> Zongquan	Ephemeral stream evolution and controlling factors: a case study of the Middle-Upper Jurassic in the southern Junggar Basin, Northwest China

## SR2 Sedimentology of Unconventional Systems

**Convenors** Vincent CROMBEZ (IFP Energies Nouvelles, FRA), Tristan EUZEN (IFP Technologies, CAN), François BAUDIN (University of Paris VI, FRA), Dorrik STOW (Heriot-Watt University, GBR)

### Oral presentations

<b>16:00-16:15</b>	<u>KRIM</u> Nesma, BONNEL Cédric, IMBERT Patrice, TRIBOVILLARD Nicolas, AUBOURG Charles	Heterogeneities of the Vaca Muerta Formation in the Neuquén Basin: lithology and geometry from the outcrop to the subsurface
<b>16:15-16:30</b>	<u>MENG</u> Qingtao, LIU Zhaojun, SACHSENHOFER Reinhard F., SUN Pingchang, BAI Yueyue	Depositional environment of Middle Jurassic Shimengou Formation in northern Qaidam Basin, Northwest China: implications for oil shale and coal accumulation

## SPOT (Tuesday 10<sup>th</sup>)

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<b>16:30-16:45</b>	<u>CROMBEZ</u> Vincent, ROHAIS Sébastien, BAUDIN François, EUZEN Tristan	Organic matter distribution in the Montney and Doig Formations : insight from a multidisciplinary study
<b>16:45-17:00</b>	<u>LI Tingwei</u> , JIANG Zhenxue, XU Chenlu, ZHI Wang	Effect of sedimentary environment on shale lithofacies in the lower third member of the Shahejie Formation, Zhanhua Sag, Eastern China
<b>17:00-17:15</b>	<u>FELDMAN-OSZEWSKA</u> Anna, ROSZKOWSKA-Remin Hoanna	Sedimentological variability within the Upper Ordovician and Silurian (Llandovery-Wenlock) formations prospective for shale gas in northern and eastern Poland (examples from selected boreholes)
<b>17:15-17:30</b>	<u>CHAUVEAU</u> Benoît, DESCHAMPS Rémy, OMODEO SALE Silvia, CARRARO Davide	Integration of terrestrial organic matter production and preservation in a stratigraphic forward numerical model: application on the Mannville Group (Canada)

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## Room: ARGOS

### CSP7 PaleoHazards

**Convenors** Emmanuel CHAPRON (GEODE University of Toulouse II FRA), Geoffroy LAMARCHE (NIWA, NZL), Jean-Luc SCHNEIDER (EPOC Bordeaux, FRA), Flavio ANSELMETTI (University of Bern, CHE)

#### Oral presentations

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<b>10:30-11:00</b>	<u>POLONIA</u> Alina, <u>NELSON</u> C. Hans, <u>VAIANI</u> Stefano C., <u>ROMANO</u> Stefania, <u>COLIZZA</u> Ester, <u>GASPAROTTO</u> Giorgio, <u>GASPERINI</u> Luca	<b>SESSION KEYNOTE :</b> Calabrian Arc and AD 365 Crete earthquake seismo-turbidites in the Ionian Sea
<b>11:00-11:15</b>	<u>SEIBERT</u> Chloé, <u>MORENA</u> Pierre, <u>FEUILLET</u> Nathalie, <u>BECK</u> Christian, <u>RATZOV</u> Gueorgui, <u>SAINT-ONGE</u> Guillaume, <u>MORENO</u> Eva, <u>GOLDFINGER</u> Christopher, <u>PATTON</u> Jason, <u>BOUCHET</u> Olivia, <u>CATTANEO</u> Antonio, <u>LECLERC</u> Frédérique, <u>JACQUES</u> Eric, <u>SAUREL</u> Jean-Marie, <u>WOERTHER</u> Patrick, <u>GUYARD</u> Hervé, <u>BEAUVAIS</u> Quentin, <u>BENÂTRE</u> Gaëlle, <u>BIEBER</u> Arthur	Long term recurrence of deeply ponded thick homogenites in Lesser Antilles forearc (CASEIS Campaign): imprint of strongest subduction earthquakes and associated tsunamis?
<b>11:15-11:30</b>	<u>LAMARCHE</u> Geoffroy, <u>ORPIN</u> Alan, <u>BARNES</u> Philip, <u>HOWARTH</u> Jamie, <u>POUDEROUX</u> Hugo, <u>MOUNTJOY</u> Joshu, <u>PATTON</u> Jason	Searching for great earthquake records from rupture of the Hikurangi subduction plate interface using turbidite paleoseismology

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<b>11:30-11:45</b>	<u>RIOU</u> Brieuc, <u>CHAUMILLON</u> Eric, <u>SCHNEIDER</u> Jean-Luc, <u>CHAGUÉ-GOFF</u> Catherine, <u>WALSH</u> John-Patrick	Sediment fill and tsunami deposits in the Pago Pago Bay, Tutuila Island, American Samoa
<b>11:45-12:00</b>	<u>MOERNAUT</u> Jasper, <u>MOLENAAR</u> Ariana, <u>WIEMER</u> Gauvain, <u>MCHUGH</u> Cecilia, <u>VAN DAELE</u> Maarten, <u>KOELLING</u> Martin, <u>DE BATIST</u> Marc, <u>STRASSER</u> Michael	Earthquake-triggered remobilization of surficial slope sediments in lakes and ocean margins: identification and significance

#### Poster presentations

<b>CSP7-C19</b>	<u>BABONNEAU</u> Nathalie, <u>CATTANEO</u> Antonio, <u>RATZOV</u> Gueorgui, <u>DEVERCHÈRE</u> Jacques, <u>SI BACHIR</u> Roza, <u>YELLES</u> Karim	Holocene turbidite paleoseismology along the Algerian margin: a synthesis
<b>CSP7-C20</b>	<u>BAUMANN</u> Juliette, <u>CHAUMILLON</u> Eric, <u>SCHNEIDER</u> Jean-Luc, <u>JORISSEN</u> Frans, <u>SAURIAU</u> Pierre-Guy, <u>RICHARD</u> Pierre, <u>BONNIN</u> Jérôme, <u>SCHMIDT</u> Sabine	Contrasted styles of marine flooding sediment record related to wave exposure
<b>CSP7-C21</b>	<u>SEIBERT</u> Chloé, <u>FEUILLET</u> Nathalie, <u>RATZOV</u> Gueorgui, <u>BECK</u> Christian, <u>CATTANEO</u> Antonio	Morphology and current distribution of the Lesser Antilles forearc sediments: implication for paleo-seismic records
<b>CSP7-C22</b>	<u>CHAPRON</u> Emmanuel, <u>FOUCHER</u> Anthony, <u>DEBRET</u> Maxime, <u>DESMET</u> Marc, <u>ARIZTEGUI</u> Daniel, <u>VILLAROSA</u> Gustavo	How far can we track the impact of major subduction earthquakes in Northern Patagonia from Holocene marine and lacustrine sediment records?
<b>CSP7-C23</b>	<u>CROUZET</u> Christian, <u>SABATIER</u> Pierre, <u>WILHELM</u> Bruno, <u>DEMORY</u> François, <u>BECK</u> Christian	Magnetic characterization of instantaneous sedimentary deposits: examples from alpine lakes
<b>CSP7-C24</b>	<u>LECLERC</u> Priscilla, <u>DUCASSOU</u> Emmanuelle, <u>ZARAGOSI</u> Sébastien, <u>ELLOUZ-ZIMMERMANN</u> Nadine	Sedimentary processes into fault-related basins off western Haïti
<b>CSP7-C25</b>	<u>MONTEIL</u> Clément, <u>GREBERT</u> Benoît, <u>BLET</u> Simon, <u>DUCASSOU</u> Emmanuelle, <u>MULDER</u> Thierry, <u>ROMAO</u> Thibault, <u>SEIBERT</u> Chloé, <u>FEUILLET</u> Nathalie	Turbiditic sedimentation into the basins offshore Lesser Antilles (Martinique and Kalanina basins)
<b>CSP7-C26</b>	<u>EMMANUEL</u> Laurent, <u>VILLEMAN</u> Benoit, <u>LE FRIANT</u> Anne, <u>CARON</u> Benoit, <u>GUYARD</u> Hervé, <u>BOUDON</u> Georges, <u>LABOURDETTE</u> Nathalie	Dating late Quaternary volcanic events using high resolution oxygen isotope stratigraphy from IODP drilling core U1397A (Lesser Antilles Arc)
<b>CSP7-C27</b>	<u>GALLEGO MONTOYA</u> John, <u>RENDÓN</u> Rivera Albeiro, <u>VALLA</u> Pierre, <u>ANSELMETTI</u> Flavio	Sedimentological evidence for recent tectonic activity in the Interandean Cauca River Canyon (Western Colombia)
<b>CSP7-C28</b>	<u>GAVRILOV</u> Yuri	Sedimentary records of paleoearthquakes in the Mesozoic-Cenozoic terrigenous sequences of the northern Caucasus

<b>CSP7-C29</b>	<u>GLAUS Nicole</u> , VOGEL Hendrik, ANSELMETTLI Flavio	Flood-event reconstruction in Alpine Lake Grosssee (Flumsberg, Switzerland)
<b>CSP7-C30</b>	<u>LAMAIR Laura</u> , HUBERT-Ferrari Aurélia, HAGE Sophie, AVSAR Ulas, SCHMIDT Sabine, ÇAGATAY Namik	A 3000 yr paleoseismological history of the central East Anatolian Fault (Turkey) based on sedimentary record of Hazar Lake
<b>CSP7-D1</b>	<u>MIRAMONTES Elda</u> , GARZIGLIA Sébastien, SULTAN Nabil, JOUET Gwenael, CATTANEO Antonio	Morphological control of slope instability in contourites: a geotechnical approach
<b>CSP7-D2</b>	<u>MIRAMONTES Elda</u> , SULTAN Nabil, GARZIGLIA Sébastien, JOUET Gwenael, CATTANEO Antonio	Altered volcanic deposits as basal failure surfaces of submarine landslides
<b>CSP7-D3</b>	<u>MOERNAUT Jasper</u> , DAXER Christoph, OSWALD Patrick, INNERHOFER Daniel, SCHELLHORN Maximilian, OETTEL Lena, ENNEMOSER Patrick, STRASSER Michael	Lacustrine paleoseismology in the Austrian Alps: strategies for revealing the recurrence of local Mw5+ earthquakes and far-field Mw8+ events
<b>CSP7-D4</b>	<u>MORENA Pierre</u> , SEIBERT Chloé, CATTANEO Antonio, RATZOV Gueorgui, MORENO Eva, BECK Christian, GOLDFINGER Chris, PATTON Jason, KLINGELHOEFER Frauke, FEUILLET Nathalie	Submarine paleoseismological potential of the northern subduction zone of the Lesser Antilles Arc
<b>CSP7-D5</b>	<u>NORMANDEAU Alexandre</u> , CAMPBELL Calvin, PIPER David, JENNER Kimberley	New evidence for a late-Quaternary giant submarine landslide on the external west levee of Laurentian Fan
<b>CSP7-D6</b>	<u>PISARSKA JAMROZY Małgorzata</u> , VAN LOON Antonius	Palaeoearthquake traces in Pleistocene lacustrine sediments (Baltic Sea Basin)
<b>CSP7-D7</b>	<u>PRAET Nore</u> , MOERNAUT Jasper, VAN DAELE Maarten, VANDEKERKHOVE Elke, KEMPF Philipp, HAEUSSLER Peter, DE BATIST Marc	Landslide and turbidite records reveal a long history of frequent seismic shaking in Eklutna Lake, Alaska
<b>CSP7-D8</b>	RAPUC William, <u>SABATIER Pierre</u> , ANDRIČ Maja, CROUZET Christian, ARNAUD Fabien, CHAPRON Emmanuel, ŠMUC Andrej, DEVELLE Anne-Lise, WILHELM Bruno, DEMORY François, RÉGNIER Edouard, DAUT Gerhard, VON GRAFENSTEIN Ulrich	7000 years of earthquake record in Julian Alps (Lake Bohinj, Slovenia)
<b>CSP7-D9</b>	<u>SZCZUCIŃSKI Witold</u>	Grain size of tsunami deposits - a critical review
<b>CSP7-D10</b>	<u>VAN VIET-LANOE Brigitte</u> , AUTHEMAYOU Christine, GRÉGOIRE Gwendoline, LE ROY Pascal, PERROT Julie, FRECHEN Manfred, HALLÉGOUËT Bernard	Evidences of Quaternary seismic activity in the Bay of Brest (Brittany, France): Trez-Rouz, Pen Hat and Kergleuz sections

<b>CSP7-D11</b>	<u>VAN VLIET-LANOË</u> Brigitte, <u>SCHNEIDER</u> Jean-Luc, <u>GUILLOU</u> Hervé, <u>BERGERAT</u> Françoise, <u>CAVAILHES</u> Thibault, <u>ALLEMAND</u> Pascal, <u>GUDMUNDSSON</u> Agust, <u>CHAZOT</u> Gilles, <u>LIORZOU</u> Céline, <u>GRANDJEAN</u> Philippe, <u>PASSOT</u> Sophie	Tectonism and volcanism forced by glaciation and deglaciation events in southern Iceland
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#### PP4 The sedimentary, geophysical and geochemical record of Earth's ice ages: from the Proterozoic to the Quaternary

<b>Convenors</b>	<u>Magali DELMAS</u> (University of Perpignan-Via Domitia, FRA), <u>Pierre DIETRICH</u> (Univ. of Johannesburg, RSA), <u>Jean-François GHENNE</u> (EOST Strasbourg, FRA), <u>Dan LE HERON</u> (Royal Holloway University, London, GBR), <u>Graham SHIELDS</u> (University College London, GBR)	
<b>Oral presentations</b>		
<b>14:30-14:45</b>	<u>LE HERON</u> Daniel, <u>VANDYK</u> Thomas, <u>TOFAIF</u> Saeed	Distinguishing glacial from non-glacial diamictites in the ancient record: some Cryogenian examples
<b>14:45-15:00</b>	<u>ZHOU</u> Chuanming, <u>LANG</u> Xianguo	Sturtian glacial deposition in the Yangtze block of South China
<b>15:00-15:15</b>	<u>LANG</u> Xianguo, <u>SHEN</u> Bing, <u>ZHOU</u> Chuanming	Dynamic ice sheets during the Marinoan glaciation: evidence from the Nantuo Formation in the Yangtze Block, South China
<b>15:15-15:30</b>	<u>RIEDMAN</u> Leigh Anne, <u>SADLER</u> Peter	Global species richness record of the early to middle Neoproterozoic
<b>16:00-16:15</b>	<u>HERMANOWSKI</u> Piotr, <u>PIOTROWSKI</u> Jan A.	Diversified internal composition of drumlins in the Stargard drumlin field, NW Poland and its implications for the subglacial processes
<b>16:15-16:30</b>	<u>DIETRICH</u> Pierre, <u>GHENNE</u> Jean-François, <u>DESCHAMPS</u> Rémy, <u>LAJEUNESSE</u> Patrick, <u>NORMANDEAU</u> Alexandre, <u>RAZIN</u> Philippe	Deglacial sequences and glacio-isostatic rebounds: Quaternary vs. Ordovician glaciations
<b>16:30-16:45</b>	<u>DAVISON</u> Stephen	The Late Devensian glaciation on the West Shetland margin: possible pitfalls in a sequence stratigraphic approach to interpretation
<b>16:45-17:00</b>	<u>SABINE</u> Marjolaine, <u>SEIBERT</u> Chloé, <u>ZARAGOSI</u> Sébastien, <u>EYNAUD</u> Frédérique, <u>MARCHES</u> Elodie, <u>GARLAN</u> Thierry	Sedimentary history of the Barents Sea for the last 40 ka cal BP
<b>17:00-17:15</b>	<u>RISE</u> Leif, <u>OTTESEN</u> Dag, <u>CHAND</u> Shyam	Large-scale erosion and deposition during the last glacial-interglacial cycles on the Mid Norwegian margin
<b>17:15-17:30</b>	<u>CROUZET</u> Christian, <u>BIÈVRE</u> Grégoire, <u>SCHOENEICH</u> Philippe, <u>SCHWENNINGER</u> Jean-Luc, <u>NICoud</u> Gérard	When did the Weichselian glaciers reach their maximal extension in the French western Alps? New data, new ages, new ideas

Poster presentations	
PP4-L10	DELMAS Magali, MAHÉ Cécile, CREST Yannick, BRAUCHER Régis, CALVET Marc, GUNNELL Yanni Surface exposure dating of Lateglacial ice fluctuations in the upper Ariège catchment (France): inferences concerning paleoclimate and implications for Upper Paleolithic human dispersals through the Pyrenees
PP4-L11	GHIENNE Jean-François, DIETRICH Pierre, BENVENUTI Antonio, Dabard Marie-Pierre, Deschamps Rémy, EL HOUICHA Mohamed, GIRARD Flavia, KHOUKHY Yahya, LOI Alfredo, MOSCARIELLO Andrea, RAZIN Philippe, SCHULMANN Karel, TESSITORE Lorena, VANDENBROUCKE Thijs From shelf to basin, anatomy of a glaciation record (Upper Ordovician, Morocco; ANR SeqStrat-Ice project 2013-2017)
PP4-L12	DIETRICH Pierre, GHIENNE Jean-François, NORMANDEAU Alexandre, LAJEUNESSE Patrick Reconstructing ice margin retreat using delta morphostratigraphy: the case of the Laurentide ice sheet
PP4-L4	FIELDING Christopher Sequence stratigraphy of the Cenozoic succession in the Victoria Land Basin, Antarctica: a long-term archive of palaeoenvironmental change
PP4-L5	BIVIN George, RAY Jyotiranjan Evolution of the Neoproterozoic Marwar Supergroup, western India: insights from chemostratigraphy and sediment provenance study
PP4-L6	LELANDAIS Thomas, RAVIER Edouard, POCHAT Stéphane, BOURGEOIS Olivier, MOURGUES Regis, STRZERZYNSKI Pierre Ice stream behavior during deglaciation controlled by outburst events and tunnel valley formation: insights from analog modelling
PP4-K11	MEDDOUR Amira, RAZIN Philippe, GHIENNE Jean-François, RUBINO Jean-Loup The Late Ordovician pre-glacial platform in Eastern Anti-Atlas (Morocco)
PP4-K12	PORTER Susannah, RIEDMAN Leigh Anne, CZAJA Andrew Early Neoproterozoic biostratigraphy: life before the Cryogenian glaciations
PP4-K13	SHIELDS Graham Global carbon cycle and climate change interactions during the Neoproterozoic
PP4-K14	VANDEKERKHOVE Elke, BERTRAND Sébastien, REID Brian, SAUNDERS Krystyna, PANTOJA Silvio, CASASSA Gino, TORREJÓN Fernando Paleo-GLOFs: assessing the impact of climate change on the frequency of Glacial Lake Outburst Floods in Patagonia

**WEDNESDAY, 11<sup>TH</sup> OCTOBRE**



## MORNING

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS						
8:00			Coffee									
8:30	SS1	Guillocheau et al.	CSF5	Dennielou et al.	FSD2	Cunningham et al.	SB1	Vinciguerra et al.	CB3	Michel et al.	PP1	Maillet et al.
8:45		Stutenbecker et al.		Fierens et al.		Jatiault et al.		Ford et al.		Riera et al.		Van Den Belt & de Boer
9:00		Caillaud et al.		Tian et al.		Kamaldeen & Johansen		Lasseur et al.		Braga et al.		Joachimski et al.
9:15		Babault et al.		Azpiroz et al.		Oppo & Capozzi		Crumeyrolle		Purkis		Fielding & Frank
9:30		Eide et al.		Douillet et al.		Blouin et al.		Quesnel et al.		Bracchi et al.		Forte et al.
9:45		Rabineau et al.		Ferry & Grosheny		Lopez et al.		Maufrangeas et al.		Rosso et al.		Rossignol et al.
10:00			Coffee Break									
10:30	SS1	Poyatos Moré et al.	CSF5	Haughton	FSD3	Adams et al.	SB1	Angrand et al.	CB3	Caline et al.	PP5	Milesi et al.
10:45		Helland-Hansen et al.		Hermidas et al.		Andrieu et al.		Kalifi et al.		Wheeler & Lim		Ordoñez et al.
11:00		Hemelsdaël et al.		Hoyal et al.		Benito et al.		De Leeuw et al.		Collart et al.		Gischler et al.
11:15		Rohais & Rouby		Joseph et al.		Bialik et al.		Calderon et al.		Titschack & Baum		Guillerm et al.
11:30		Jorry et al.		Le Goff et al.		Girard et al.		Bonnel et al.		Frank & James		Todd et al.
11:45		Bergmann et al.		Rubi et al.		Immenhauser		Saspittury et al.		Papili & Dupont		Morales et al.
12:00			Lunch Break									
13:00												

## AFTERNOON

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS							
13:30													
14:00			<b>Invited Keynote: Rachel Wood</b>										
14:30	SS1	Burgess & Kozlowski	CSP5	Silva Jacinto & Cartigny	FSD3	Kolchugin et al.	SB1	Herbig	PP3	Tremblin et al.	RTS2	Jarochowska et al.	
14:45		Chauveau et al.		Slootman et al.		Léonide et al.		Rat et al.		Voigt et al.		Pas et al.	
15:00		Laurent et al.		Warratz et al.		Matonti et al.		Vacherat et al.		Amakrane et al.		Ruhl et al.	
15:15		Mollieix et al.		Alves		Pederson et al.		Grimaud et al.		Gillot & Cojan		Al Suwaidi et al.	
15:30			<b>Coffee Break</b>										
16:00	SS1	Jermannaud et al.	CSP2	Augustsson et al.	FSD3	Tugarova	SB2	Leleu et al.	CB2	Betzler & Eberli	RTS2	Wouters et al.	
16:15		Pellan & Fontanelli		Zimmermann & Hall		Azerêdo et al.		Ribes et al.		Mulder et al.		Bodin & Huck	
16:30		Duller et al.		Chatterjee & Ray		Bovar-Arbnal et al.		Smyrak-Sikora et al.		Puga-Bernabeu et al.		Adatte et al.	
16:45		Eggenhuisen et al.		Mullick		Meyer et al.		Nonn & Leroy		Tam et al.		Poyatos-Moré et al.	
17:00		Plink-Björklund et al.		Jacq et al.		San Miguel et al.		Machado & Rodrigues		Swart et al.		Salhi et al.	
17:15		Storms et al.		Weltje et al.		You & Zheng		Fanget et al.		Riboulot et al.		El Meknassi et al.	
17:30			<b>Poster Session in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1</b>										
18:00													
18:30													

## Room: AMPHITHEATRE SAINT EXUPÉRY

### Plenary Session

**Convenors** Delphine ROUBY, Elise NARDIN, Markus ARETZ (CNRS, University of Toulouse III - GET, FRA)

#### Keynote lecture

**13:30-14:30** Rachel WOOD (University of Edinburgh) What has controlled carbonate mineralogy through geological time?

### SS1 OPEN SESSION ON SOURCES AND SINKS

**Convenors** Stéphane BONNET (University of Toulouse III - GET, FRA), Sébastien CASTELLORT (University of Geneva, CHE), Daniel GARCIA-CASTELLANOS (ICTJA - CSIC in Barcelona, ESP), Didier GRANJEON (IPF Energies Nouvelles, FRA), Sébastien ROHAIS (IPF Energies Nouvelles (FRA), Cedric JOHN (Imperial College, GBR)

#### Oral presentations

<b>08:30-08:45</b>	<u>GUILLOCHEAU François</u> , ROBIN Cécile, BABY Guillaume, SIMON Brendan, ROUBY Delphine	Source to sink study at continent-scale (Africa): mantle dynamics controls and implications for the sediment routing system
<b>08:45-09:00</b>	<u>STUTENBECKER Laura</u> , SCHLUNEGGER Fritz, DELUNEL Romain	Reduced sediment supply in a fast eroding landscape? A multi-proxy sediment budget of the upper Rhône basin, Central Alps
<b>09:00-09:15</b>	<u>CAILLAUD Alexis</u> , QUIJADA Melesio, REYNAUD Jean-Yves, RIBOULLEAU Armelle, BOUT-ROUMAZEILLES Viviane, BENKADI Sarah, FERRY Jean-Noël, TRIBOVILLARD Nicolas	Climatic and eustatic controls on terrestrial organic matter sedimentation in a deep marine basin: a multiproxy approach on the Oxfordian Terres Noires Formation, Subalpine Basin, SE-France
<b>09:15-09:30</b>	<u>BABAULT Julien</u> , VIAPLANA-MUZAS Marc, LEGRAND Xavier, VAN DEN DRIESSCHE Jean, GONZALEZ-QUIJANO Manuel, MUDD Simon M., KERGARAVAT Charlie, RINGENBACH Jean-Claude, CALLOT Jean-Paul, VETEL William, DHONT Damien	Source-to-Sink constraints on tectonic and sedimentary evolution of the Central Range, Cenderawasih Bay (Indonesia) and Gulf of Papua (Papua New Guinea)

## AMPHITHEATRE (Wednesday 11<sup>th</sup>)

09:30-09:45	<u>EIDE Christian</u> , KLAUSEN Tore, HELLAND-HANSEN William	Linking an Early Triassic delta to antecedent topography: source-to-sink study of the southwestern Barents Sea margin
09:45-10:00	RABINEAU Marina, BALTZER Agnès, ASLANIAN Daniel, DOS Reis Tadeu, BENABDELHAOUED Massinissa, CAMPOS CARVALHO Breylla, CORONEL LOPES Marcela, BEAUVERGER Mickael, PRUNIER Christophe, DALLA RIVA Vinicius, SODRE VEIRA Daniel, MOKEDEM Zohra, LE ROY Pascal, VARELA Guerra Josefa, SILVA Cleverson Guizan	Shelf-canyon connections on the Maranhão margin, north-east Brazil, offshore São Luís: early results from the SHEOPS cruise (May-June 2017)
10:30-10:45	<u>POYATOS-MORÉ Miquel</u> , ROIGE Marta, SOLE Francesc Xavier, GOMEZ-GRAS David, DULLER Robert A., BOYA Salvador	Provenance, sediment routing and fluvial architecture in the lower Eocene Corçà-Castissent formations (south-central Pyrenees, Spain)
10:45-11:00	<u>HELLAND-HANSEN William</u> , GRUNDVÅG Sten-Andreas, AADLAND Tore	Assesment of duration of basin filling without chronostratigraphic data: a case study from the Cenozoic foreland basin of Spitsbergen
11:00-11:15	<u>HEMELSDAËL Romain</u> , FORD Mary, MALARTRE Fabrice, GAWTHORPE Rob	Interactions between antecedent drainage and early rifting: a case study from the Plio-Pleistocene Corinth rift, Greece
11:15-11:30	<u>ROHAIS Sébastien</u> , ROUBY Delphine	Source-to-Sink analysis in rift basin: example from the gulf of Suez (Egypt)
11:30-11:45	<u>JORRY Stephan</u> , COUNTS John, COURGEON Simon, JOUET Gwenael, TOUCANNE Samuel, MIRAMONTES Elda, LE ROY Pascal, EHRHOLD Axel, CAMOIN Gilbert	A Late Quaternary carbonate routine system: the Glorieuses platform and adjacent basin (SW Indian Ocean)
11:45-12:00	<u>BERGMANN Fenna</u> , LANTZSCH Hendrik, SPIESS Volkhard, SCHWENK Tilmann, DEKENS Petra, GALY Valier, FRANCE-LANORD Christian	Sinuosity-controlled deposition along a channel-levee system at the middle Bengal Fan? A high-resolution study integrating seismoacoustic and IODP Expedition 354 data
14:30-14:45	<u>BURGESS Peter</u> , KOZLOWSKI Estani	What did the numerical stratigraphic forward models ever do for us?
14:45-15:00	<u>CHAUVEAU Benoit</u> , GRANJEON Didier, PAUTHIER Stanislas, DUCROS Mathieu	Integration of marine organic matter deposition in a stratigraphic forward numerical model (DionisosFlow): application on the Duvernay Formation (Canada)
15:00-15:15	<u>LAURENT Dimitri</u> , MARSSET Tania, PICOT Marie, DROZ Laurence, GRANJEON Didier, MOLLIEUX Stéphane, RABINEAU Marina	A source-to-sink approach of the Congo System since 200 ka. Part I: 3D stratigraphic forward modeling of the deep-sea fan using DionisosFlow

<b>15:15-15:30</b>	<u>MOLLIEX Stéphane</u> , KETTNER Albert, LAURENT Dimitri, DROZ Laurence, MARSSET Tania, LARAQUE Alain, RABINEAU Marina	A source-to-sink approach of the Congo System since 200 ka. Part II: water and sediment delivery simulated with HydroTrend
<b>16:00-16:15</b>	<u>JERMANNAUD Paul</u> , LE GUERROUE Erwan, PITZ Jonathan, VIDAL Olivier	Benefits of forward Stratigraphic Modeling in Petroleum Exploration: the example of offshore NL, Canada
<b>16:15-16:30</b>	<u>PELLAN Cédric</u> , FONTANELLI Laurent	Complete petroleum systems assessment at passive margin scale using forward stratigraphic modeling and possible associated source rocks characterization
<b>16:30-16:45</b>	<u>DULLER Robert</u> , ARMITAGE John, DUNKLEY-JONES Tom, MANNERS Hayley, GRIMES Stephen	Delayed response in sediment calibre during the PETM in northern Spain
<b>16:45-17:00</b>	<u>EGGENHUISEN Joris</u> , TILSTON Mike, POHL Florian, DE LEEUW Jan, SPYCHALA Yvonne, CARTIGNY Matthieu	Integrating process models in Source to Sink analyses: the EuroSEDS Turbidity Current Sediment Budget Estimator app
<b>17:00-17:15</b>	<u>PLINK-BJÖRKLUND Piret</u> , JONES Evan, HANSFORD Mark	Significance of river hydrological regime in source to sink analyses
<b>17:15-17:30</b>	<u>STORMS Joep</u> , LI Liang, WALSTRA Dirk-Jan, VAN DER VEGT Helena	Natural variability in deterministic process-based modelling: quantifying the autogenic behaviour of delta models

#### Poster presentations

<b>SS1-A1</b>	<u>ADECHINA Adéniran Rodrigue Michel Archange</u> , KELOME Nelly Carine, ALAMOU Eric	Current hydrosedimentary dynamic of the delta medium in the Oueme estuary in Benin
<b>SS1-A2</b>	<u>AGUILAR German</u> , ROSSEL Katia	Incision of channels stimulated by unconsolidate gravels supply as stream sediments in arid valley of Chile
<b>SS1-A3</b>	<u>BONNET Stéphane</u> , CARRETIER Sébastien, REGARD Vincent, CHRISTOPHOUL Frédéric	Drainage reorganization explains the large-scale fan-shape morphology of the northern Pyrenean landscape: no megafan in the northern Pyrenean foreland
<b>SS1-A4</b>	<u>BONNET Stéphane</u> , REIMANN Tony, WALLINGA Jakob	On the record of erosion and incision dynamics by OSL data from fluvial terraces (Rangitikei River, New Zealand)
<b>SS1-A5</b>	<u>CABRE Albert</u> , AGUILAR German, RIQUELME Rodrigo	Analysis of storm-generated facies in tributary-junction fans: the March 2015 debris flows event in El Huasco River valley, Northern Chile

## AMPHITHEATRE (Wednesday 11<sup>th</sup>)

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<b>SS1-A6</b>	CARAVACA Gwénaël, BRAYARD Arnaud, VENNIN Emmanuelle, GUIRAUD Michel, LE POURHIET Laetitia, THOMAZO Christophe, GROSJEAN Anne-Sabine, OLIVIER Nicolas, FARÀ Emmanuel, ESCARGUEL Gilles, BYLUND Kevin, JENKS James, STEPHEN Daniel	New characterization of the Early Triassic Sonoma Foreland Basin (western USA) and its controlling factors using multi-scale integrated approaches
<b>SS1-A7</b>	<u>CARRETIER Sébastien</u> , REGARD Vincent, LEANNI Laetitia	The size-dependent transport rate of coarse sediment determined using <sup>10</sup> Be in distinct pebbles of the Aroma canyon (Atacama, Chile)
<b>SS1-A8</b>	<u>CHEN Chao</u> , MOU Chuanlong, ZHOU Kenken	Strong oceanic and climatic fluctuation characterized by carbon isotope and weathering Indexes of the Ordovician-Silurian transition in the Yangtze area, South China
<b>SS1-A9</b>	<u>COJAN Isabelle</u> , BEUCHER Hélène, DELEPLANCQUE Benoit	Comparison of the erosional and depositional patterns during the Late Saalian and Wechselian from a sediment budget estimation along the Seine River (la Bassée)
<b>SS1-A10</b>	<u>CSATO Istvan</u> , DASQUEZ Fernando, GRANJEON Didier	A stratigraphic model of the Upper Miocene-Pliocene basin fill of the Pannonian Basin, eastern Hungary: results from sequence stratigraphic interpretations and modeling
<b>SS1-A11</b>	D'ELIA Leandro, BILMES Andrés, VARELA Augusto, BUCHER Joaquín, LOPEZ Manuel, GARCIA Micaela, FUNES Daniela, FRANZESE Juan	Distinguishing environmental signals in a syn-orogenic, volcaniclastic to erosional engine sediment routing system: a case study from the Patagonian Foreland, Argentina
<b>SS1-A12</b>	<u>DELAUNAY Antoine</u> , ROBIN Cécile, GUILLOCHEAU François, DALL'ASTA Massimo, CALVES Gerome	Mid to Late Miocene uplift and doming of Madagascar: constraints from topography, Cenozoic stratigraphy and paleogeography
<b>SS1-A13</b>	DELMAS Magali, MANEL Camille, CALVET Marc, GUNNELL Yanni, VOINCHET Pierre, BRAUCHER Régis, BAHAIN Jean-Jacques, PERRENOUD Christian, SAOS Thibaud	Paired electron spin resonance and in situ produced terrestrial cosmogenic nuclide ages on a Pleistocene fluvial sequence of the Têt River, eastern Pyrenees (France): implications for Quaternary crustal uplift regimes
<b>SS1-A14</b>	DURAND Matthieu, MOJTAHID Meryem, MAILLET Grégoire, MURAT Anne, BALTZER Agnès, SCHMIDT Sabine, BLET Simon, GARLAN Thierry, MARCHÈS Elodie, <u>HOWA Hélène</u>	Late Holocene record from the Loire incised valley (Bay of Biscay): insights into regional vs global climate forcing factors

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<b>SS1-A15</b>	<u>FELLETTI</u> Fabrizio, <u>MARINI</u> Mattia, <u>COMUNIAN</u> Alessandro	Alternative geostatistical approaches to model alluvial deposits using large subsoil data repositories: the Porto Marghera case study (Venice, NE Italy)
<b>SS1-A16</b>	<u>GRANJEON</u> Didier, <u>ADELINET</u> Mathilde, <u>BARBIER</u> Mickaël, <u>CHAUVEAU</u> Benoit, <u>HAMON</u> Youri	Integrated geological process modelling: using forward stratigraphic and diagenetic modelling to better assess reservoir architecture and geomechanical properties
<b>SS1-A17</b>	<u>GUERIT</u> Laure, <u>YUAN</u> Xiaoping, <u>BRAUN</u> Jean, <u>ROUBY</u> Delphine	Limited impact of climatic changes on sedimentary systems
<b>SS1-A18</b>	<u>HEMELSDAËL</u> Romain	Paleogeographic reconstructions of river systems during the early Corinth rift evolution (Greece)
<b>SS1-A19</b>	<u>HERNANDEZ</u> Laura, <u>SANCHEZ-AHUACTZIN</u> Tonatiuh, <u>ORTEGA-CAMACHO</u> Daniela	Trace element characterization in karst aquifer sediments of the Yucatan Peninsula sinkholes
<b>SS1-A20</b>	<u>HOYANAGI</u> Koichi, <u>KAKUBARI</u> Yuri	Shelf margin growth response to Pleistocene glacioeustasy in Canterbury Basin, offshore New Zealand
<b>SS1-A21</b>	<u>HAWIE</u> Nicolas, <u>COVAULT</u> Jacob, <u>MARFISI</u> Emerson	From basin-scale exploration to field-scale production: an innovative forward stratigraphic modelling approach coupled with response surface methodology
<b>SS1-A22</b>	<u>JIN</u> Jiehua, <u>CAO</u> Yingchang, <u>WANG</u> Yangzhong, <u>YANG</u> Tian	The distribution pattern of fan delta controlled by source-to-sink system of Jurassic in the Chepaizi area, Junggar Basin, China
<b>SS1-A23</b>	<u>LEROUX</u> Estelle, <u>JORRY</u> Stephan, <u>GRANJEON</u> Didier, <u>COUNTS</u> John, <u>COURGEON</u> Simon, <u>JOUET</u> Gwenael	Cenozoic evolution of the Glorieuses isolated carbonate platform (Eparres Islands, SW Indian Ocean) reconstructed by numerical stratigraphic modeling - preliminary results
<b>SS1-A24</b>	<u>LI</u> Jia, <u>LIN</u> Chengyan	Lateral accretion modeling of fluvial systems in GuanTao Formation : KongDian oilfield in South Bohai bay basin, China
<b>SS1-A25</b>	<u>MELLERE</u> Donatella, <u>POYATOS-MORÉ</u> Miquel	Unravelling tectono-stratigraphic signals in an upper Eocene alluvial succession: la Pobla de Segur basin (south-central Pyrenees, Spain)
<b>SS1-A26</b>	<u>MOUSSIROU</u> Bérangé, <u>BONNET</u> Stéphane	Experimental evidences of modulation of erosion rates of uplifting landscapes by long-term climate change
<b>SS1-A27</b>	<u>NORMANDEAU</u> Alexandre, <u>DIETRICH</u> Pierre, <u>LAJEUNESSE</u> Patrick, <u>SAINT-ONGE</u> Guillaume, <u>GHIENNE</u> Jean-François, <u>DUCHESNE</u> Mathieu, <u>FRANCUS</u> Pierre	Timing and controls on the delivery of coarse sediment to deltas and submarine fans on a formerly glaciated coast and shelf

<b>SS1-A28</b>	<u>PAQUET Fabien</u> , THINON Isabelle, LASSEUR Eric	One network may hide others ? toward a comprehensive scenario for neogene superimposed valley networks along the English Channel
<b>SS1-A29</b>	<u>PELLEN Romain</u> , ASLANIAN Daniel, RABINEAU Marina, GORINI Christian, LEROUX Estelle, RUBINO Jean-Loup, BLANPIED Christian, SUC Jean-Pierre, SILENZIARIO Carmine	Contribution of a multi-scale study from deep to surface process: Examples from the Ebro paradox
<b>SS1-A30</b>	<u>PERRON Paul</u>	Control of basement heterogeneity on the sedimentary architecture in low rate subsidence intracratonic Palaeozoic basins: Example of Ahnet and Mouydir basins
<b>SS1-A31</b>	<u>POUDEROUX Hugo</u> , PROUST Jean-Noël, GRANGEON Didier	Stratigraphic modelling of Miocene compound clinoforms of the New Jersey shallow continental shelf
<b>SS1-A32</b>	<u>ROBIN Cécile</u> , PONTE Jean-Pierre, GUILLOCHEAU François, DALL'ASTA Massimo	Sink measurement of the Zambezi system (delta to deep-sea fan): a record of the East African Rift uplift and associated climate changes
<b>SS1-B1</b>	<u>SHANG Xiaoxu</u> , SHAO Longyi, ZHANG Wenlong, LV Jinggao, WANG Weichao, LI Yonghong, HUANG Man, LU Jing, WEN Huaijun	Sequence-paleogeography and coal Accumulation of the Early-Middle Jurassic in central Qilian Mountain belt (Muli Basin), Qinghai Province, NW China
<b>SS1-B2</b>	<u>SHEN Wenchao</u> , SHAO Longyi, TIAN Wenguang, SUN Bin, CHEN Fei, CHEN Gang, LU Jing	Sequence stratigraphy, lithofacies paleogeography and coal accumulation of a paralic gentle slope basin: a Case study from Wuwei Basin
<b>SS1-B3</b>	<u>SIMON Brendan</u> , ROBIN Cécile, ROUBY Delphine, GUILLOCHEAU François, BRAUN Jean, GOUT Claude, CORNU Tristan	Passive margin stratigraphy for numerical models calibration: coefficient of diffusion measurement in the Ogooué Delta (Gabon)
<b>SS1-B4</b>	<u>SMYRAK-SIKORA Aleksandra</u> , JOHANNESSEN Erik P., OLAUSSEN Snorre, BRAATHEN Alvar	Fault-growth impacting early-rift fluvial deposits? Carboniferous Billefjorden Trough, Svalbard
<b>SS1-B5</b>	<u>SZCZUCIŃSKI Witold</u> , DOMINICZAK Aleksander, APOLINARSKA Karina, FORWICK Matthias, GOSLAR Tomasz, MOSKALIK Mateusz, STRZELECKI Mateusz, WOSZCZYK Michał	Climate driven variations in source to sink fluxes of sediment and carbon in a high Arctic fjord (Hornsund, Svalbard)
<b>SS1-B6</b>	<u>TAO Jinyu</u> , ZHANG Changmin, QU Jianhua	Roundness and sedimentary facies in a large fluvial fan from the Triassic Bai Formation, Junngar Basin, Xinjiang, China
<b>SS1-B7</b>	<u>TOBY Stephan</u> , STRAUB Kyle, DE ANGELIS Silvio, <u>DULLER Robert</u>	Transferring sediment supply signals to the fluvial stratigraphic record

<b>SS1-B8</b>	<u>TOMASSETTI</u> Laura, <u>PETRACCHINI</u> Lorenzo, <u>BRANDANO</u> Marco, <u>TOMASSI</u> Andrea	3D-modelling of facies heterogeneity of a Chattian carbonate ramp (Salento, southern Italy)
<b>SS1-B9</b>	<u>VAN DER VEGT</u> Helena, <u>STORMS</u> Joep, <u>WALSTRA</u> Dirk-Jan	Variation in fluvial discharge on different timescales and its effect on delta stratigraphy
<b>SS1-B10</b>	<u>WANG</u> Haoyu, <u>YE</u> Lin, <u>WANG</u> Zhenqi	Simulation and 3D reconstruction of sandstone injectites
<b>SS1-B11</b>	<u>WU</u> Heng, <u>JI</u> Youliang, <u>GAO</u> Chonglong, <u>ZHOU</u> Yuqi, <u>LI</u> Longdi	Source to sink evolution of non-marine rift basin driven by tectonic forcing: Insight from coupled tectonic-stratigraphic numerical model and DongPu Sag of Bohai Bay Basin
<b>SS1-B12</b>	<u>YUAN</u> Xiaoping, <u>BRAUN</u> Jean, <u>GUERIT</u> Laure, <u>SIMON</u> Brendan	Linking continental erosion and marine multi-lithology coupling transport and deposition: an application to the Ogooué Delta, Gabon
<b>SS1-B13</b>	<u>ZHANG</u> Peng, <u>MEI</u> Lianfu, <u>NAJMAN</u> Yani, <u>MILLAR</u> Ian, <u>HU</u> Xiaolin, <u>LI</u> Renyuan, <u>WU</u> Lulu, <u>ZHICHAO</u> Zhou, <u>HUANING</u> Qiu	Did the palaeo-Yarlung River flow into the Irrawaddy drainage in the Paleogene?
<b>SS1-B14</b>	<u>ZHU</u> Xiaomin, <u>LI</u> Shunli, <u>QIANGHU</u> Liu, <u>ZHANG</u> Zili, <u>LI</u> Huiyong	Source to Sink studies between the Shaleitian uplift and surrounding sags: perspectives on the importance of hinterland relief and catchment area for sediment budget, Western Bohai Bay basin, China

## ROOM: CASSIOPÉE

### CSP5 Sediment density flows in siliciclastic, pyroclastic and calciclastic settings: process and product

**Convenors** Matthieu CARTIGNY (Durham University, GBR), Guilhem DOUILLET (Ludwig-Maximilians-Universität, Munchen, DEU), Joris EGGENHUISEN (Utrecht University, NLD), Thierry MULDER (University of Bordeaux, FRA)

#### Oral presentations

<b>08:30-08:45</b>	<u>DENNIELOU</u> Bernard, <u>DROZ</u> Laurence, <u>BABONNEAU</u> Nathalie, <u>BONNEL</u> Cédric, <u>Jacq</u> Céline, <u>Picot</u> Marie, <u>LE SAOUT</u> Morgane, <u>SAOUT</u> Yoan, <u>BEZ</u> Martine, <u>OLU</u> Karine, <u>RABOUILLE</u> Christophe	Morphology, structure, composition and build-up processes of the active channel-mouth lobe complex of the Congo deep-sea fan
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<b>08:45-09:00</b>	<u>FIERENS Ruth</u> , DROZ Laurence, TOUCANNE Samuel, JORRY Stephan, RAISSON François	Late Quaternary to present sedimentation in the Zambezi Fan (Mozambique Channel)
<b>09:00-09:15</b>	<u>TIAN Hongxun</u> , LIN Changsong, ZHANG Zhongtao, JIANG Jing	Depositional architecture, evolution and control processes of submarine canyon system in the Pearl River Mouth Basin, northern South China Sea
<b>09:15-09:30</b>	<u>AZPIROZ Maria</u> , CARTIGNY Matthieu, SUMNER Esther, TALLING Peter, PARSONS Dan, CLARE Michael, COOPER Cortis	First direct measurements of secondary flow in oceanic turbidity currents suggest new view of density flow structure
<b>09:30-09:45</b>	<u>DOUILLET Guilhem</u> , KUEPPERS Ulrich, DINGWELL Donald	Pyroclastic density currents and subaqueous density currents: brothers in law(s)?
<b>09:45-10:00</b>	<u>FERRY Serge</u> , GROSHENY Danièle	From submarine scree fans to turbidites: case studies on conglomerate/calcarenite systems in S-E France
<b>10:30-10:45</b>	<u>HAUGHTON Peter</u>	Variable rheology in sediment gravity flows from mixed clastic-carbonate systems - the Calp of the Dublin Basin, Ireland
<b>10:45-11:00</b>	<u>HERMIDAS Navid</u> , EGGENHUISEN Joris, SILVA JACINTO Ricardo, LUTHI Stefan, TÓTH Ferenc, POHL Florian	A classification of clay-rich subaqueous density flow structures
<b>11:00-11:15</b>	<u>HOYAL David</u> , KUMAR Amit, VISHNAMPET Ramanathan, PERILLO Mauricio, GAILLOT Gwladys, DEMKO Timothy, FEDELE Juan, SHRINGARPURE Mrugesh, SINGER Adam	Growth pattern regimes of submarine fans illustrated by depth-averaged models
<b>11:15-11:30</b>	<u>JOSEPH Philippe</u> , TELES Vanessa, MIGEON Sébastien	CATS: a process-based numerical model for turbidite systems applied to the 1979 Nice turbidity event
<b>11:30-11:45</b>	<u>LE GOFF Johan</u> , SLOOTMAN Arnoud, REIJMER John, CEREPPI Adrian, LOISY Corinne, SWENNEN Rudy	Ancient carbonate slope systems: an example from the Late Cretaceous of Albania
<b>11:45-12:00</b>	<u>RUBI Romain</u> , ROHAIS Sébastien, BOURQUIN Sylvie, MORETTI Isabelle, DESAUBLIAUX Guy	Bridging the gap between Gilbert-type bottomset and associated turbiditic systems: insights for depositional profiles in high sediment supply setting
<b>14:30-14:45</b>	<u>SILVA JACINTO Ricardo</u> , CARTIGNY Matthieu	Hindering settling as a generic process to trigger turbidity currents
<b>14:45-15:00</b>	<u>SLOOTMAN Arnoud</u> , CARTIGNY Matthieu, REIJMER John	Coarse-grained carbonate (heterozoan) density flows: Inferred differences with siliciclastic counterparts based on field observations
<b>15:00-15:15</b>	<u>WARRATZ Grit</u> , HENRICH Rüdiger, VOIGT Ines, CHIESI Cristiano, KUHN Gerhard, LANTZSCH Hendrik	The influence of deep southern component water on sediment dynamics at the Argentine continental margin
<b>15:15-15:30</b>	<u>ALVES Tiago</u>	Submarine slide blocks: three-dimensional structures with impact on seal competence

## Poster presentations

CSP5-B19	DENNILOU Bernard, DROZ Laurence, RUFFINE Livio, CROGUENEC Claire, BABONNEAU Nathalie, BONNEL Cédric, JACQ Céline, BAUDIN François, CAPRAIS Jean-Claude, GUYADER Vivien, BAYON Germain, BRANDILLY Christophe, LE BRUCHEC Julie, BOLLINGER Claire, GERMAIN Yoan, OLU Karine, RABOUILLE Christophe	In situ recent and pervasive mass wasting at the active channel-mouth lobe complex of the Congo deep-sea fan: insights from ROV multibeam and video surveys and from pore water geochemistry
CSP5-B20	DROZ Laurence, JÉGOU Isabelle, GILLET Hervé, DENNILOU Bernard, RABINEAU Marina, PICOT Marie	On the termination of fan channels: examples from the Rhône fan (Gulf of Lion, Western Mediterranean)
CSP5-B21	POUDEROUX Hugo, PICKERING Kevin, MILLIKEN Kitty, KUTTEROLF Steffen, CHEMALE Farid, MUKOYOSHI Hideki, MCNEILL Lisa, DUGAN Brandon, PETRONOTIS Katerina, Scientist IODP Expedition 362	The Nicobar submarine fan and relationship with the Bengal fan: preliminary results from IODP expedition 362, Indian Ocean
CSP5-B22	DAYNAC Jimmy, SABINE Mariolaine, ZARAGOSI Sébastien, EYNAUD Frédérique, MARCHES Elodie, GARLAN Thierry	Investigations of a high latitude submarine channel system in the Lofoten Basin, Polar North Atlantic
CSP5-B23	WEI Wang	Genetic types and distribution of deep-water gravity flows in southern Changling fault-basin during rift expansion
CSP5-B24	AMBLAS David, SILVA Jacinto Ricardo, GERBER Thomas	Erosion and sediment transport by dense shelf water cascades
CSP5-B25	BARUFFINI Luca, PAPANI Lorenzo	An introduction to the physical stratigraphy and facies of the Upper Cretaceous Helminthoid Flysch, Western Alps and NW Apennine
CSP5-B26	RUSSO Séverine, BERNÉ Serge, BASSETTI Maria-Angela, DENNILOU Bernard, JOUET Gwenael	Sediment waves from shelf-edge deltas in the Gulf of Lion (NW Mediterranean Sea)
CSP5-B27	BOULESTEIX Kévin, POYATOS-MORÉ Miquel, FLINT Stephen, TAYLOR Kevin, HODGSON David	Mudstone depositional processes and sequence stratigraphy in the Permian icehouse-to-greenhouse transition, Karoo Basin, South Africa
CSP5-B28	BROCHERAY Sandra, CREMER Michel, ZARAGOSI Sébastien	Large-scale cyclic-steps in Cap-Ferret turbidite system (Bay of Biscay): evidences from an eustatic control in the Cap-Ferret and Capbreton canyons' activity?
CSP5-B29	CARNEVALE Marco, FELLETTI Fabrizio, MARINI Mattia, PATACCI Marco, MCCAFFREY William, FONNESU Marco	Characterisation of the internal structure of hybrid event beds (HEBs) in deep water siliciclastic systems: from outcrop to flow modelling

<b>CSP5-B30</b>	<u>CATTANEO Antonio</u> , RIBOULOT Vincent, JOUET Gwenael, LEMPREUR Clément, SCALABRIN Carla, Marsset Tania, LE ROY Pascal, DROZ Laurence, DEVILLE Eric, CAUQUIL Eric	Submarine landslides impact on the morphology of the Mozambique continental margin
<b>CSP5-B31</b>	<u>CORNARD Pauline</u> , PICKERING Kevin	Supercritical-flow bedforms and sedimentary structures distribution analysis, in a channelised lower-slope, a base-of-slope, and proximal basin-floor, Middle Eocene, Ainsa Basin, Spanish Pyrenees
<b>CSP5-B32</b>	<u>VAN DAELE Maarten</u> , MEYER Inka, MOERNAUT Jasper, DE DECKER Steven, VERSCHUREN Dirk, <u>DE BATIST Marc</u>	A revised classification and terminology for stacked and amalgamated turbidites in environments dominated by (hemi)pelagic sedimentation
<b>CSP5-B33</b>	<u>DOUILLET Guilhem</u>	Confined zone of slumped and deformed beds on the Northern Ecuadorian coast, the signature of proximal turbidity current onset?
<b>CSP5-B34</b>	<u>GAN Yugian</u> , STEEL Ronald, OLARIU Cornel, CARVAJAL Cristian, DE ALMEIDA Jr. Flávio, PEREZ Nataleigh, YUNG Eunsil	Continuous spectrum of sediment-density flow deposits observed along coarse-grained, medium-sized basin margin clinoforms, Jurassic Neuquén Basin, Argentina
<b>CSP5-B35</b>	<u>GUSHCHINA Mariia</u> , MOISEEV Artem, TUCHKOVA Marianna	Jurassic-Cretaceous tuff-sandstones of the Ust-Belsky Mountains: composition, genesis, sources
<b>CSP5-C1</b>	<u>HAGE Sophie</u> , CARTIGNY Matthieu, HUGHES CLARKE John, CLARE Michael, HUBBARD Stephen, SUMNER Esther, TALLING Peter, LINTERN Gwyn, STACEY Cooper, VENDETTUOLI Daniela, HUNT James, YOKOKAWA Miwa, HIZZET Jamie, AZPIROZ Maria, VELLINGA Age	First direct field observations connecting supercritical turbidity current processes to their products
<b>CSP5-C2</b>	<u>WARRATZ Grit</u> , HENRICH Rüdiger, SCHWENK Tilmann, VOIGT Ines, LANTZSCH Hendrik	Contourite induced turbidity current activity in the Mar del Plata Canyon (Argentina)
<b>CSP5-C3</b>	<u>HOWLETT Danielle</u> , GAWTHORPE Rob, ROTEVATN Atle, NEMEC Wojciech, JACKSON Christopher	Response of unconfined turbidity currents to complex topography in deepwater fold and thrust belts
<b>CSP5-C4</b>	<u>LIU Jianping</u> , XIAN Benzhong, LIU Saijun, WANG Lu, JIANG Jian, WANG Junhui	Sedimentary architecture of a sub-lacustrine debris fan: a case from the Eocene Dongying Depression, Bohai Bay Basin, east China
<b>CSP5-C5</b>	<u>MA Benjun</u> , WU Shiguo, MI Lijun, GAO Wei, XU Gongdi	The stepwise sedimentary model of the deep-water multi-step slope in the passive continental margin (South China Sea)
<b>CSP5-C6</b>	<u>NORMANDEAU Alexandre</u> , CAMPBELL Calvin, CARTIGNY Matthieu	The influence of downslope and alongslope processes on deep-water supercritical flow bedforms (Eastern Canada)

<b>CSP5-C7</b>	<u>PANTOPOULOS</u> George, <u>KNELLER</u> Ben, <u>GAMBERI</u> Fabiano, <u>KANE</u> Ian, <u>HANSEN</u> Larissa, <u>MCARTHUR</u> Adam, <u>KUCHLE</u> Juliano	Turbidite bed thickness distribution and facies clustering patterns in deep-marine channel-levee, confined sheet and unconfined lobe and basin plain settings: implications for the identification of different architectural elements
<b>CSP5-C8</b>	<u>PATTIER</u> France, <u>ETIENNE</u> Samuel, <u>COLLOT</u> Julien, <u>PATRIAT</u> Martin, <u>ROEST</u> Walter, <u>TOURNADOUR</u> Elsa, <u>ROUILLARD</u> Pierrick	Neogene architecture of the Fairway Basin (New Caledonia, SW Pacific): deep water sedimentary processes, fluid escape features and potential triggering mechanisms of submarine landslides
<b>CSP5-C9</b>	<u>POPE</u> Ed, <u>JUTZELER</u> Martin, <u>CARTIGNY</u> Matthieu, <u>SHREEVE</u> James, <u>TALLING</u> Peter, <u>WRIGHT</u> Ian, <u>WYSOCZANSKI</u> Richard	Origin of spectacular fields of submarine sediment waves around volcanic islands: how to distinguish eruption-fed supercritical flow bedforms from slope failures
<b>CSP5-C13</b>	<u>GODELWSKI</u> Paweł, <u>WENDORFF</u> Marek, <u>PSZONKA</u> Joanna	Comparative observations on sedimentary characteristics and provenance indicators, including cathodoluminescence data, of Cergowa sandstones (Oligocene) from two localities in the Outer Carpathians of Poland
<b>CSP5-C14</b>	<u>XIAN</u> Benzhong, <u>LIU</u> Jianping, <u>DONG</u> Yanlei, <u>LU</u> Zhiyong, <u>HE</u> Yanxin, <u>WANG</u> Junhui	Classification and facies sequence model of subaqueous debris flows
<b>CSP5-C15</b>	<u>ZHANG</u> Jiajia, <u>WU</u> Shenghe, <u>JIANG</u> Shining	A Middle-Miocene submarine-fan system in the Niger Delta basin: insights into the controls of high-frequency sea-level change on the submarine-fan architecture evolution
<b>CSP5-C16</b>	<u>VENDETTUOLI</u> Daniela, <u>CLARE</u> Michael, <u>CARTIGNY</u> Matthieu, <u>TALLING</u> Peter, <u>HAGE</u> Sophie, <u>VELLINGA</u> Age, <u>WALTHAM</u> Dave, <u>HUGHES</u> Clarke John	The stratigraphic incompleteness of submarine channels deposits

### CSP2 Provenance, weathering and sorting: Disentangling the parameters controlling sediment composition

<b>Convenors</b>	Sebastien BERTRAND (Ghent University, BEL), Inka MEYER (Ghent University, BEL), Janna JUST (University of Cologne, DEU), Gert Jan WELTJE (University of Leuven, BEL)
<b>Oral presentations</b>	
<b>16:00-16:15</b>	<u>Augustsson</u> Carita, Voigt Thomas, Bernhart Kristin, Kreißler Marian, Gaupp Reinhard, Gärtner Andreas, Hofmann Mandy, Linnemann Ulf
<b>16:15-16:30</b>	<u>Zimmermann</u> Sebastian, Hall Robert

## CASSIOPÉE (Wednesday 11<sup>th</sup>)

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<b>16:30-16:45</b>	<u>Chatterjee Anirban, Ray Jyotiranjan</u>	Provenance of Mid-Holocene sediments in the Great Rann of Kachchh, India: implications for fluvial scenario of Harappan civilisation
<b>16:45-17:00</b>	<u>Mullick Subhra</u>	Geochemistry of the fine - grained siliciclastics of Siwalik Group of rocks from Arunachal Himalaya: Implication for source area weathering, provenance and tectonic setting
<b>17:00-17:15</b>	Jacq Kévin, Martinez Lamas Ruth, Perrette Yves, Fanget Bernard, Debret Maxime, Coquin Didier, Sabatier Pierre, Arnaud Fabien, Toucanne Samuel, Deloffre Julien, Riboulot Vincent, Jorry Stephan	Hyperspectral imaging for high resolution, non-destructive and fast analysis of sediment cores: application to Lake Le Bourget and Black Sea sediment cores
<b>17:15-17:30</b>	<u>Weltje Gert Jan, Bloemsma Menno, Garzanti Eduardo</u>	Modelling of selective sorting for provenance and palaeoclimate analysis of sediments: an old problem revisited
<b>Poster presentations</b>		
<b>CSP2-C10</b>	APOLINARSKA Karina, SZCZUCIŃSKI Witold, DOMINICZAK Aleksander, FORWICK Matthias	Old, land-derived organic matter as a primary source of the organic carbon to the sediments of Hornsund fjord, Spitsbergen, as evidenced by $\delta^{13}\text{C}$ values
<b>CSP2-C11</b>	APOLINARSKA Karina, SZCZUCIŃSKI Witold, MOSKALIK Mateusz, DOMINICZAK Aleksander	Seasonal changes, spatial variability and origin of suspended organic matter in an Arctic fjord (Hornsund, Spitsbergen)
<b>CSP2-C12</b>	<u>CHEN Cheng, ZHU Yixiang</u>	The influences of climate and water-level changes on the evolution of sequence stratigraphy and sedimentary system of the Lower Cretaceous, in the Fula Sag Muglad Basin Sudan
<b>CSP2-C28</b>	<u>FARICS Éva, KOVÁCS József, HAAS Janos</u>	Application of descriptive and multivariate statistical analyses for interpretation of multiple depositional processes of Eocene basal conglomerates in the Buda Hills, Hungary
<b>CSP2-C29</b>	<u>FIELDING Laura, NAJMAN Yani, MILLAR Ian</u>	The evolution of the River Nile from Oligocene to recent times, as documented in the sedimentary record of the offshore Nile delta
<b>CSP2-C30</b>	<u>GHOLAMI ZADEH Parisa</u>	Geochemical composition of the Miocene sediments in Neyriz region, Iran: Implication for provenance
<b>CSP2-C31</b>	<u>LEE Yong Il, CHOI Taejin, LIM Hyoun Soo</u>	Sediment provenance of the Cretaceous Sindong Group, Gyeongsang Basin, Korea inferred from detrital zircon geochronology and its implications for paleodrainage
<b>CSP2-C32</b>	<u>LEWIN Anna, MEINHOLD Guido, HINDERER Matthias, DAWIT Enkurié, BUSSERT Robert</u>	Sediment provenance during two Gondwana glaciations in Ethiopia: Insights from petrography, geochemistry, and heavy minerals
<b>CSP2-C33</b>	<u>LIU Dawei, BERTRAND Sébastien, DIJCK Toon, WELTJE Gert Jan</u>	A first step towards reconstructing river discharge from major element geochemistry: relations between grain-size and sediment geochemistry in western Patagonian rivers
<b>CSP2-C34</b>	<u>MARCHAND Emilie, SÉRANNE Michel, HUSSON Eglantine, VINCHES Marc, SALZE David</u>	New biostratigraphy and single-detrital-zircon-dating constraints on the age and origin of allochthonous bauxite deposits of Languedoc (South of France): geodynamic consequences

<b>CSP2-C35</b>	<u>MORAG</u> Navot, AVIGAD Dov, GERDES Axel, ABBO Avishai	The origin of North Gondwana Cambro-Ordovicain sandstones and their linkage to Pan-African orogeny: the detrital rutile side of the story
<b>CSP2-C36</b>	<u>NAUTON-FOURTEU</u> Martin, TYRRELL Shane	Assessing the influence of intermediate storage on sandstone composition
<b>CSP2-D10</b>	<u>ROBINSON</u> Steven	Tectonic erosion and subaqueous weathering: South China in the mid Neoproterozoic
<b>CSP2-D11</b>	<u>RODDAZ</u> Martin, ROUSSEAU Tristan, MOQUET Jean-Sébastien, CALVES Gérôme, BAYON Germain	Controls on the geochemistry of South American equatorial suspended sediments (Amazon, Orinoco and Maroni rivers)
<b>CSP2-D12</b>	<u>ROIGE</u> Marta, GÓMEZ-GRAS David, FONDEVILLA Víctor, BOYA Salvador, POYATOS-MORÉ Miquel, OMS Oriol, REMACHA Eduard, TEIXELL Antonio	Interplay of multiple sediment sources in the south-central Pyrenean Basin (Late Cretaceous-Early Eocene): the role of the Ebro Massif as a source area
<b>CSP2-D13</b>	<u>ROIGE</u> Marta, GÓMEZ-GRAS David, STOCKLI Daniel, TEIXELL Antonio, REMACHA Eduard, BOYA Salvador	Foreland basin emersion and cannibalization: a case study of integrated sandstone petrography and detrital zircon geochronology in the Jaca basin (Middle Eocene-Miocene, South Pyrenean basin)
<b>CSP2-D14</b>	<u>ROQUETTE</u> Emmanuel, LUBER Tim, SCHRÖDER Stefan, REDFERN Jonathan	Multi-proxy provenance analysis along the Moroccan Atlantic Margin: tracing source areas for Lower Cretaceous reservoirs in the Essaouira-Agadir Basin (EAB)
<b>CSP2-D15</b>	<u>TUCHKOVA</u> Marianna, SOKOLOV Sergey, MOISEEV Artem	Correlation of basal conglomerates of Paleozoic deposits of Wrangel island and paleogeographic reconstructions
<b>CSP2-D16</b>	<u>VERHAEGEN</u> Jasper, WELTJE Gert Jan	Re-analysis of legacy data for quantitative provenance studies: heavy-mineral assemblages of the Miocene North Sea basin
<b>CSP2-D17</b>	<u>COLL</u> Xavier, GÓMEZ-GRAS David, ROIGE Marta, TEIXELL Antonio, MESTRES Narcís	Heavy-mineral assemblages as provenance indicators in the Jaca basin (Middle-Late Eocene, Southern Pyrenees)
<b>CSP2-D18</b>	<u>XUAN</u> Yang, JI Hancheng	Relationships between sedimentary characteristics and morphological evolution and provenance

## Room: GUILLAUMET 1

### FSD2 Seismic-scale fluid/sediment interactions

**Convenors** Patrice IMBERT (TOTAL, FRA), Aurélien GAY (University of Montpellier 2, FRA), Rossella CAPOZZI (Università di Bologna, ITA)

#### Oral presentations

<b>08:30-08:45</b>	<u>CUNNINGHAM</u> Kevin, KLUESNER Jared, WESTCOTT Richard, EBUNA Daniel, WALKER Cameron	Use of multibeam-bathymetry and seismic-reflection data to investigate the origin of pockmarks along the southeastern Florida carbonate platform
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<b>08:45-09:00</b>	<u>JATIAULT Romain</u> , LONCKE Lies, DHONT Damien	Regional seismic characterisation of the oil seeping province in the Lower Congo Basin
<b>09:00-09:15</b>	<u>KAMALDEEN Omosanya</u> , JOHANSEN Ståle	3D characterization and origin of hydrothermal pipes in the Vigrid Syncline, Norwegian North Sea
<b>09:15-09:30</b>	<u>OPPO Davide</u> , CAPOZZI Rossella	Unique spatial association of mud volcano and sandstone intrusions, Western Turkmenistan
<b>09:30-09:45</b>	<u>BLOUIN Arthur</u> , IMBERT Patrice, SULTAN Nabil, CALLOT Jean-Paul, ODONNE Francis, DUPUIS Matthieu, GERTAUDA Mathieu	Multi-scale structural and morphological study of South Caspian mud volcanoes: implications and hypotheses on sources and formation of the mud
<b>09:45-10:00</b>	<u>LOPEZ Michel</u> , DUBOIS Manon, ORBERGER Beate, GAY Aurélien, MOUSSAVOU Mathieu, PAMBO Florent, RODRIGUES Sophie	The 2.1Ga-old injectite network of the Franceville Basin, Gabon: Architecture, origin and implications on manganese mineralization

### Poster presentations

<b>FSD2-I4</b>	<u>FAË-GOMORD Ophélie</u> , ALLANIC Cécile, HONLET Robin, VERBIEST Michaël, MUCHEZ Philippe, SWENNEN Rudy	Understanding fluid-flow during tectonic reactivation: an example from the Flamborough Head chalk outcrop (UK)
<b>FSD2-I5</b>	<u>GAY Aurélien</u>	3D morphology and timing of a fossil pockmark: example in the SE basin of France
<b>FSD2-I6</b>	<u>GAY Aurélien</u> , MERCIER DE LEPINAY Bernard, RATZOV Gueorgui, LEBRUN Jean-Frédéric, LALLEMAND Serge, Scientific Team Garanti	Seafloor giant polygons associated with underlying polygonal faults in the Caribbean Sea, west of Grenada Basin
<b>FSD2-I7</b>	<u>GUIASTRENNEC-FAUGAS Léa</u> , GILLET Hervé, CAVAILHES Thibault, MULDER Thierry	Morphologies, distribution, architectures and origin of giant pockmarks along the Blake Bahama escarpment
<b>FSD2-I8</b>	<u>JATIAULT Romain</u> , LONCKE Lies, DHONT Damien, DUBUCQ Dominique, IMBERT Patrice	Detailed seismic characterisation of an active thermogenic oil seep in the Lower Congo Basin
<b>FSD2-I9</b>	<u>KAMALDEEN Omosanya</u> , JOHANSEN Ståle, ABRAHAMSON Peter	Vertical anomaly clusters (VACs) evidencing hydrocarbon leakage from Mesozoic source rocks in the Barents Sea
<b>FSD2-I10</b>	<u>KOUDRI HOUSNA Imène</u> , GAY Aurélien, BENAISSE Zahia, BERNDT Christian	Sub-seismic scale sand injectites identification using 3D seismic frequency attributes

<b>FSD2-I11</b>	<u>LI Zhong</u> , YU Jingbo	Multistage fluid-rock interaction records in carbonate reservoirs controlled by structural evolution of Tarim basin, NW China
<b>FSD2-I12</b>	<u>MARSET Tania</u> , BALLAS Gregory, MARSET Bruno, THOMAS Yannick, THEREAU Estelle, DUPONT Pauline, KER Stephan, RIBOULOT Vincent, SCALABRIN Carla, OGOR André, SULTAN Nabil	Spatio-temporal relationships between gas, hydrate system, sedimentary and tectonic features in the offshore Romanian area (Black Sea)
<b>FSD2-I13</b>	<u>ROELOFSE Chantelle</u> , ALVES Tiago, GAFEIRA Joana	Large pipes in the Norwegian Central North Sea reveal fluid bypass through early Mesozoic successions
<b>FSD2-I14</b>	<u>TEILLET Thomas</u> , FOURNIER François, MONTAGGIONI Lucien, VILLENEUVE Quentin, BORGOMANO Jean, HONG Fei	Diagenetic and pore-type signature of a long-term subaerial exposure event in an isolated carbonate buildup (Upper Burman Formation, Miocene, offshore Myanmar)

### FSD3 Carbonate diagenesis

**Convenors** Jean-Pierre GIRARD (TOTAL, FRA), Benjamin BRIGAUD (University of Paris-Sud, FRA), Benoît VINCENT (Cambridge Carbonates Ltd, GBR)

#### Oral presentations

<b>10:30-10:45</b>	<u>ADAMS Arthur</u> , DIAMOND Larryn, ASCHWANDEN Lukas	Paradoxical dolomite $^{87}\text{Sr}/^{86}\text{Sr}$ increase with depth ? Seepage Reflux into Dense Groundwater
<b>10:45-11:00</b>	<u>ANDRIEU Simon</u> , BRIGAUD Benjamin, BARBARAND Jocelyn, LASSEUR Eric, HAURINE Frédéric, DELPECH Guillaume	The complex diagenetic history of discontinuities in shallow-marine carbonate rocks: new insights from in situ $\delta^{18}\text{O}$ , $\delta^{13}\text{C}$ and REE measurements by SIMS and LA-ICPMS-HR
<b>11:00-11:15</b>	<u>BENITO M. Isabel</u> , REOLID Matías, VIEDMA Cristóbal	On the microstructure, growth pattern, original porosity and diagenesis of belemnite rostra: implications for interpreting their geochemical analyses
<b>11:15-11:30</b>	<u>BIALIK Or</u> , WANG Xiaoming, WALDMANN Nicolas, FRANK Ran, LI Weiqiang	Restriction and dolomitization of hinterland carbonate platforms: insights from Mg isotopes in a multiproxy approach of the proximal edge of the Levant Albian Platform, Israel
<b>11:30-11:45</b>	<u>GIRARD Jean-Pierre</u> , SAN MIGUEL Galo, GODEAU Nicolas	Pervasive hydrothermal diagenesis in the Pre-salt carbonate reservoirs of the Kwanza basin, offshore Angola
<b>11:45-12:00</b>	<u>IMMENHAUSER Adrian</u>	The deep frontier of carbonate diagenesis

<b>14:30-14:45</b>	<u>KOLCHUGIN Anton</u> , IMMENHAUSER Adrian, WALTER Benjamin, MOROZOV Vladimir	Diagenesis of the palaeo-oil-water transition zone in a Lower Pennsylvanian carbonate reservoir
<b>14:45-15:00</b>	LEONIDE Philippe, <u>BITAULT Hugues</u> , FOURNIER François, ROBINET Jérémie, ROUSSEAU Mathieu, HENNUY Jérôme	Influence of long term exposure surfaces on the origin, perservation and distribution of microporosity in shallow-water carbonates : the Barremian-Aptian platform from SE France
<b>15:00-15:15</b>	<u>MATONTI Christophe</u> , BOURGET Julien, FOURNIER François, RIERA Rosine, HAIG David, HÅKANSSON Eckart, HONG Fei, REIJMER John	Impact of emersion event on the diagenetic history and the pore type and acoustic properties acquisition of non-tropical carbonates (Cape Range, Western Australia)
<b>15:15-15:30</b>	<u>PEDERSON Chelsea</u> , PURGSTALLER Bettina, MAVROMATIS Vassili, JÖNS Niels, DIETZEL Martin, BUHL Dieter, NEUSER Rolf, BREITENBACH Sebastian, HOFFMANN Réne, KWIECIEN Ola, RIECHELMANN Sylvia, IMMENHAUSER Adrian	Carbonate diagenesis ? an experimental multi-proxy approach
<b>16:00-16:15</b>	<u>TUGAROVA Marina</u>	Carbonates as an indicators of superimposed fluidal process in black shale formations
<b>16:15-16:30</b>	<u>AZEREDO Ana C.</u> , NUNO Inês, FERREIRA Joana, BIZARRO Paulo, RIBEIRO M. Teresa	Carbonate reservoirs from the Jurassic of Portugal: outcrop analogues with a window into pore-scale
<b>16:30-16:45</b>	<u>BOVER-ARNAL Telm</u> , TORROME Diego, MARTIN-MARTIN Juan Diego, CAJA Miguel Angel, FERRANDEZ-CAÑADELL Carles, PERMANYER ALBERT, TRITLLA JORDI, LOMA RUBEN, ESTEBAN MATEU, SALAS Ramon	Micritized microporous Miocene carbonates from onshore/offshore eastern Spain: implications for tight limestone reservoirs
<b>16:45-17:00</b>	<u>MEYER AURELIEN</u> , HOLLIS CATHY, RAVEN MADELEINE, DICKSON Tony	Calcite cementation along an oil-water contact, Middle East
<b>17:00-17:15</b>	<u>SAN MIGUEL Galo</u> , DUASO Maria, PRADOS Guillermo, AURELL Marcos, KENTER Jeroen	Early diagenetic events in Late Kimmeridgian carbonate ramps (Iberian Basin, NE Spain): implications for outcrop characterization and deciphering and prediction of carbonate reservoir heterogeneity
<b>17:15-17:30</b>	<u>YOU Zhang</u> , ZHENG Xingping	Key Factors of Oil-Gas Reservoir-Forming in Ordovician Carbonate Reservoirs in Gucheng Uplift, Tarim Basin, Northwest China

**Poster presentations**

<b>FSD3-F20</b>	<u>AL-SINAwi Nawwar</u> , DUVAL-ARNOULD Aude, HOLLIS Cathy, SCHROEDER Stefan, REDFERN Jonathan	Dolomitization of Jurassic carbonates in the Western High Atlas of Morocco: processes and implications for reservoir properties
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<b>FSD3-F21</b>	<u>ALIJANI Hassan</u> , MOHAMMADI Zahra, ADABI Mohammad, SADEGHI Abbas, SALEHI Fereydoun, SWENNEN Rudy	Diagenesis, microfacies and depositional environment of the Ilam Formation (Zagros fold and thrust belt, west Iran)
<b>FSD3-F22</b>	<u>BARRIER Andrea</u> , BASSETT Kari, BISCHOFF Alan, NICOL Andrew, REID Catherine	Impact of volcanism on carbonate sedimentation in the Canterbury Basin, using onshore volcanic structures as analogues for buried volcanoes in offshore New Zealand
<b>FSD3-F23</b>	<u>BLINKENBERG Kasper</u> , ANDERSKOUV Kresten, STEMMERIK Lars	Spatial variability of silica in chalk? using the middle Danian Dalbyover Quarry as an analogue to understand 2D reservoir architecture of silica-enriched reservoir units, Danish Basin, Chalk Group
<b>FSD3-G1</b>	<u>BREISLIN Catherine</u> , HOLLIS Cathy, MARSHALL Jim, RIDING Jim, BANKS Vanessa, JUERGES Alanna	Basin-scale mineral and fluid processes at a Mississippian platform margin
<b>FSD3-G2</b>	<u>BRIGAUD Benjamin</u> , BONIFACIE Magali, PAGEL Maurice, CALMELS Damien, LANDREIN Philippe	Evidence of an Early Cretaceous hydrothermal event in the Middle Jurassic Limestones of the Paris Basin
<b>FSD3-G3</b>	<u>DE BOEVER Eva</u> , FOUBERT Anneleen, BOUVIER Anne-Sophie, BAUMGARTNER Lukas, SWENNEN Rudy	The fate of travertine fabrics? Case study of early diagenesis in the Y-10 core (Mammoth Hot Springs, Yellowstone, USA)
<b>FSD3-G4</b>	<u>FAË-GOMORD Ophélie</u> , SOETE Jeroen, DESCAMPS Fanny, VANDYCKE Sara, BRUNO Caline, SWENNEN Rudy	Tight Chalk: how do sedimentology and diagenesis influence microtexture? How does microtexture control reservoir properties?
<b>FSD3-G5</b>	<u>GU Yufeng</u> , BAO Zhidong	Distributional regularity and control factor research of physical properties of pre-salt lacustrine carbonate reservoirs : an example of IARA Oilfield, Santos Basin, Brazil
<b>FSD3-G6</b>	<u>HAMD Jihad</u> , CEREPI Adrian, SWENNEN Rudy, LOISY Corinne	Impact of sedimentology and diagenesis on the reservoir properties of the Upper Cretaceous carbonate facies in Albania. The case of the Kruja platform
<b>FSD3-G7</b>	<u>JABIR Adel</u> , CEREPI Adrian, LOISY Corinne, RUBINO Jean-Loup	Study of Paleozoic reservoir systems in the Ghadames and Jefarah basins
<b>FSD3-G8</b>	<u>KOESHIDAYATULLAH Ardiansyah</u> , HOLLIS Cathy, STACEY Jack	Multiscale characterisation of fault-controlled dolomitisation fronts: an example from Middle Cambrian passive margin carbonate platform, Western Canada
<b>FSD3-G9</b>	<u>KOLCHUGIN Anton</u> , DELLA PORTA Giovanna Paola, MOROZOV Vladimir	Lower Pennsylvanian reservoir facies from the foreland basin carbonate ramp of the Volga-Ural region, east of Russian platform, Russian Federation
<b>FSD3-G10</b>	<u>KOLCHUGIN Anton</u> , IMMENHAUSER Adrian, WALTER Benjamin, ESKIN Aleksey	Burial dolomitization of Lower Mississippian reservoir rocks from the Volga-Ural basin, Russia

**GUILLAUMET 1 (Wednesday 11<sup>th</sup>)**

<b>FSD3-G11</b>	<u>LAYA Juan Carlos</u> , WHITAKER Fiona, GABELLONE Tatyana, TUCKER Maurice, TEOH Chia Pei	Spatial distribution of dolomitisation within a complex stratigraphy in an isolated carbonate platform, Bonaire, Netherlands Antilles
<b>FSD3-G12</b>	<u>LIU Zihao</u> , WU Shenghe	Diagenesis and evolution of carbonate karst reservoir under tectonic unconformity? an example from Wanjaxiang outcrop in Northern Sichuan basin
<b>FSD3-H1</b>	<u>LYU Qiqi</u> , LUO Shunshe, DAI Rong, ZHAO Qing, LONG Wenjun, REN Junfeng, HUANG Zhengliang, BAO Hongping	Research on characteristics and controlling factors of the subsalt dolomite of Majiagou Formation in Northern Shanxi area, Ordos basin, China
<b>FSD3-H2</b>	<u>MAKHLOUFI Yasin</u> , RUSILLON Elme, BRENTINI Maud, MEYER Michel, SAMANKASSOU Elias	Dolomitization and dedolomitization of the Upper Jurassic carbonate rocks in the Geneva Basin (Switzerland and France)
<b>FSD3-H3</b>	<u>MATHESON Edward</u> , FRANK Tracy	The Role of paleoceanography and eogenetic alteration in influencing diagenetic pathways in carbonate facies of the phosphoria rock complex, Bighorn Basin, Wyoming
<b>FSD3-H4</b>	<u>MATSUDA Hiroki</u> , SHIMAZU Takashi, YAGI Masahiko, KIRIAKEHATA Shinichi	Petrophysical properties and their relationship to carbonate rock types of the oceanic reefal island: a case study of the Daito Formation, Japan
<b>FSD3-H5</b>	<u>MEYER Aurelien</u> , STEMMERIK Lars	Spatial distribution of porosity in North Sea Chalk, Denmark
<b>FSD3-H6</b>	<u>MOTTE Geoffrey</u> , HOAREAU Guilhem, GAUCHER Eric, CALLOT Jean-Paul, NICOL Yann, GISQUET Franck, GUY Laurent	Diagenesis of the Mesozoic carbonates of the northwestern Pyrenees: origin of dolomitization and brecciation
<b>FSD3-H7</b>	<u>MUELLER Mathias</u> , IGBOKWE Onyedika, BERTOTTI Giovanni, RIECHELMANN Sylvia, BUHL Dieter, JÖNS Niels, IMMENHAUSER Adrian	History of early diagenetic to late tectonic transform fault overprint on textural patterns and isotopic signatures of Mesozoic dolostones
<b>FSD3-H8</b>	<u>NINA Lidia</u> , JIMENEZ Grisel, BLANCO Mario, WEIHED Pär, NEUMANN Virginio	Analysis of microfacies and diagenetical evolution from Chutani Formation in the North Altiplano Bolivia
<b>FSD3-H9</b>	<u>ROOK Peter</u> , COMAS Xavier, CORELLA Juan, PELLICER Xavier, SCHROEDER Stefan	Petrophysical characterization of tufa mounds and their relation to acoustic properties, porosity and pore types (Isone Tufa Mound Complex, Spain)
<b>FSD3-H10</b>	<u>SAIAG Jessica</u> , COLLIN Pierre-Yves, SIZUN Jean-Pierre, HERBST Frédéric, CHATEAU SMITH Carmela, CALINE Bruno, LASSEUR Eric	Classification of chalk microtextures: sedimentary versus diagenetic origin

<b>FSD3-H11</b>	<u>SANTERRE</u> Yannick, <u>PRAMUDYO</u> Yuní, <u>NACHIAPPAN</u> Ramanathan, <u>AL BAIRAQ</u> Ahmed, <u>AL-AMERI</u> Ammar, <u>BASIONI</u> Mahmoud	Sedimentological and petrophysical analysis of the Lower Lekhwair of the UAE, reservoir quality and influence of matrix micro-cementation
<b>FSD3-H12</b>	<u>SHAH</u> Mumtaz, <u>AHSAN</u> Naveed	Fault-related dolomites associated with transtensional regimes: a comparative studies
<b>FSD3-H13</b>	<u>TENDIL</u> Anthony, <u>LEONIDE</u> Philippe, <u>FRAU</u> Camille, <u>FOURNIER</u> François, <u>LANTEAUME</u> Cyprien, <u>BORGOMANO</u> Jean, <u>MASSONNAT</u> Gérard, <u>ROLANDO</u> Jean-Paul	Understanding the geochemical signatures along a Barremian? Aptian platform-to-basin transect (Urgonian carbonate platform, Provence, SE France): implications for regional correlations
<b>FSD3-H14</b>	<u>WANG</u> Wenyang, <u>PANG</u> Xiongqi, <u>CHEN</u> Dongxia, <u>WANG</u> Wenji	Cambrian hydrocarbon migration system and reservoir-controlling pattern of Anyue gas field in Sichuan basin, China
<b>FSD3-I1</b>	<u>WANG</u> Yang, <u>LIU</u> Luofu, <u>LI</u> Shutong	Forming mechanism and main controlling factors on the high-quality carbonate reservoirs restricted by paleokarst background: a case study of Ma 541 submemeber of Ordovician in Wushenqi-zhidan area of the Ordos basin, China
<b>FSD3-I2</b>	<u>ZHANG</u> Jingqi, <u>JIN</u> Zhenkui	Basalt leaching and deep circulating dolomitization: a new model of dolomitization based on Middle Permian dolostones in Yangtze platform
<b>FSD3-I3</b>	<u>ZHU</u> Xiaoer, <u>JIN</u> Zhenkui, <u>PENG</u> Biao, <u>YI</u> Shuo, <u>WEI</u> Kai	Depositional setting and diagenetic processes and their impact on the reservoir quality in a carbonate platform: Late Serpukhovian-Early Moscovian, Zhanazhol reservoir, Pre-Caspian basin, Kazakhstan

## Room: GUILLAUMET 2

### SB1 Sedimentological, stratigraphic and geomorphic record of orogen-foreland dynamics (OROGEN)

**Convenors** Eric LASSEUR (BRGM Orléans, FRA), Emmanuel MASINI (TOTAL, FRA), Sébastien CARRETIER (IRD - GET, FRA), Sébastien CASTELLORT (University of Geneva, CHE), Martin RODDAZ (University of Toulouse III - GET, FRA)

### Oral presentations

<b>08:30-08:45</b>	<u>VINCIGUERRA</u> Constance, <u>LELEU</u> Sophie, <u>RANDRIAMAHEFAMAMONJISOA</u> Miarintsoa, <u>LAURENT</u> Aurore, <u>RAZIN</u> Philippe	Comparison of Late Cretaceous fluvial systems along strike the Pyrenean-Provençal domain for reconstructing drainage and early Pyrenean topography
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## GUILLAUMET 2 (Wednesday 11<sup>th</sup>)

<b>08:45-09:00</b>	<u>FORD Mary</u> , CHRISTOPHOUl Frédéric, SIMONIS Jules, MENZER Lionel	Loading and foreland basin evolution during inversion of intersecting salt-rich rift systems, Cretaceous to Oligocene, eastern Pyrenees
<b>09:00-09:15</b>	<u>LASSEUR Eric</u> , ORTEGA Carole, ISSAUTIER Benoît, BRIAIS Justine, GUILLOCHEAU François, THINON Isabelle, VERNHET Yann, BADINIER Guillaume, SERRANO Olivier, WUILLEUMIER Arnaud, CAUSSADE Serge, MALET David	Upper Cretaceous Paleogene sedimentary record of the Pyrenean retroforeland (Aquitain basin). Deformations and sediment dynamics
<b>09:15-09:30</b>	<u>CRUMEYROLLE Philippe</u>	Linking facies and geodynamics: the Jaizquibel Eocene turbidite system revisited (Guipuzcoa, Pyrenees)
<b>09:30-09:45</b>	<u>QUESNEL Florence</u> , MAUFRANGEAS Adrien, BOUDILLON Chantal, FLÉHOC Christine, IAKOVLEVA Alina, DE LAGAUSIE Benoît, LOISY Corinne, BLESSING Michaela, ROCHE Emile, VINCIGUERRA Constance, LELEU Sophie	The Mid Paleocene paradox: new stratigraphic and environmental constraints from the Seländian of the northern Pyrenees
<b>09:45-10:00</b>	<u>MAUFRANGEAS Adrien</u> , LOISY Corinne, LELEU Sophie, FLÉHOC Christine, BLESSING Michaela, DE LAGAUSIE Benoît, QUESNEL Florence	Multiproxy correlation scheme between terrestrial and marine Palaeocene successions in the North Pyrenean Foreland Basin (France)
<b>10:30-10:45</b>	<u>ANGRAND Paul</u> , FORD Mary, GALLAGHER Kerry	Evolution of the Pyrenean Aquitaine foreland basin (SW France)
<b>10:45-11:00</b>	<u>KALIFI Amir</u> , SORREL Philippe, LELOUP Philippe-Hervé, SPINA Vincenzo, PIK Raphael, RUBINO Jean-Loup, PITTEL Bernard	Chronostratigraphic and tectonostratigraphic analysis of the Miocene molasse of the Subalpine Massifs and South Jura (western Alps, France). An update
<b>11:00-11:15</b>	<u>DE LEEUW Arian</u> , MATOSHKO Anton, MATOSHKO Andrei, STOICA Marius, VINCENT Stephen	Field insights into the Late Miocene fluvio-deltaic Balta Fm of the East Carpathian Foreland Basin
<b>11:15-11:30</b>	<u>CALDERON Ysabel</u> , BABY Patrice, HURTADO Christian, BRUSSET Stephane, BANDACH Asaid	Structural architecture and tectonic inheritance of the Marañón Amazonian foreland basin (Northern Peru)
<b>11:30-11:45</b>	<u>BONNEL Cédric</u> , NIVIÈRE Bertrand, LAGAU-Lacrouts Jérémie, MOUTHEREAU Frédéric, POUPON Yannis	Neogene Tectono-sedimentary evolution of the Neuquén foreland (Argentina)
<b>11:45-12:00</b>	<u>SASPITURRY Nicolas</u> , RAZIN Philippe, SERRANO Olivier, BAUDIN Thierry, LASSEUR Eric, ISSAUTIER Benoit, ALLANIC Cécile	Structure and evolution of the southern margin of the so-called Mauleon "hyper-thinned" rift basin (Western Pyrenees, France)
<b>14:30-14:45</b>	<u>HERBIG Hans-Georg</u>	Sequence stratigraphy of a complex foreland basin? A tool to understand facies developments and basin-platform correlations beyond the limits of biostratigraphy (Rhenish Kukl Basin, Mississippian, Germany)

<b>14:45-15:00</b>	<u>RAT Juliette</u> , MOUTHEREAU Frederic, BRICHAU Stéphanie, BERNET Matthias, CREMADES Antoine, BALVAY Mélanie, GARZANTI Eduardo, ANDÒ Sergio	Evolution of detrital content during an orogenic cycle: evidence of sedimentary recycling between the Cameros massif and the Ebro basin from Low temperature thermochronological data
<b>15:00-15:15</b>	<u>VACHERAT Arnaud</u> , BONNET Stéphane, MOUTHEREAU Frédéric	Controls of post-orogenic foreland basins evolution: internal river network reorganization VS external (climate, tectonics) factors
<b>15:15-15:30</b>	<u>GRIMAUD Jean-Louis</u> , PAOLA Chris	Interaction between river, uplift and transverse sedimentation: experimental results and application to the Bengal basin

### Poster presentations

<b>SB1-D28</b>	<u>ANGRAND Paul</u> , FORD Mary, WATTS Anthony	Subsidence origin, lateral variation in foreland evolution, and flexure of a rifted continental margin: the Aquitaine foreland basin (SW France)
<b>SB1-D29</b>	<u>BESSIN Paul</u> , GUILLOCHEAU François, ROBIN Cécile, BRAUN Jean, BAUER Hugues, SCHROËTTER Jean-Michel	Quantification of vertical movement of low elevation topography combining a new compilation of global sea-level curves and scattered marine deposits (Armorican Massif, western France)
<b>SB1-D30</b>	<u>BOYA Salvador</u> , REMACHA Eduard, ROIGE Marta, GÓMEZ-GRAS David	The Sabiñánigo sandstone deltas of the Northern Jaca basin (South-central Pyrenees, Spain)
<b>SB1-D31</b>	<u>CABRÉ Albert</u> , GUTIÉRREZ Pablo, MUÑOZ Sebastián, PIZARRO Hector, BISHOP Shawn, ORGEIRA María J., ALFARO Francisco, LÓPEZ Christopher	Did the Late Pliocene-Early Pleistocene Vilama Fm. sedimentation recorded an increase of aridity in the Atacama Desert? Insights from stratigraphy and magnetic properties
<b>SB1-D32</b>	<u>CHANVRY Emmanuelle</u> , DESCHAMPS Rémy, JOSEPH Philippe, GARCIA Daniel, PUIGDEFABREGAS Cai	Impact of tectonics, climate and eustasy on stratigraphic architecture and depositional profile evolution in the Graus-Tremp-Ainsa Basin during Lower Eocene times
<b>SB1-D33</b>	<u>DANISE Silvia</u> , HOLLAND Steven	Evolution of a carbonate-evaporite-siliciclastic system in the distal part of a retroarc foreland basin: Middle-Late Jurassic Sundance Seaway, USA
<b>SB1-D34</b>	<u>GIRAUT Jean-Baptiste</u> , BELLAHSEN Nicolas, LOGET Nicolas, LASSEUR Eric, COUËFFÉ Renaud, ROSENBERG Claudio, BERNET Matthias, PIK Raphaël	Interactions between foreland basin and collisional wedge in the Western Alps: new sedimentological, structural and thermochronological data
<b>SB1-D35</b>	<u>GRASSEAU Nicolas</u> , LÓPEZ-BLANCO Miguel, RAZIN Philippe	Architecture, dynamics and evolution of a delta deposited in a piggy-back syn-fold growth context: the Middle Eocene Sobrarbe deltaic complex (South-Pyrenean Foreland Basin, Aragon, Spain)

<b>SB1-D36</b>	HARRIES Rebekah, KIRSTEIN Linda, WHITTAKER Alex, ATTAL Mikael, COWIE Patience, PERALTA Silvio	Are Andean alluvial fans sensitive to forcing?
<b>SB1-E10</b>	HONEGGER Louis, CASTELLORT Sébastien, POYATOS-MORÉ Miquel, CLARK Julian, ADATTE Thierry, PUIGDEFABREGAS Cai, FILDANI Andrea, SPANGENBERG Jorge	High-resolution correlation in continental-to-marine sections based on $\delta^{13}\text{C}$ signal: an example from the early Eocene of the south-Pyrenean foreland basin (Spain)
<b>SB1-E11</b>	<u>HUNGER Gabriel</u> , MOSCARIELLO Andrea, VENTRA Dario	Allogenic versus autogenic controls on a fluvial-fan succession: a compositional study of the Cacheuta basin infill (central Argentinian foreland)
<b>SB1-E12</b>	<u>LANG Karl</u> , EHLERS Todd, KAMP Peter, RING Uwe	Climate control of sediment provenance in the Southern Alps of New Zealand: new observations from detrital apatite fission-track tracer thermochronology
<b>SB1-E13</b>	<u>LASSEUR Eric</u> , AL REDA Mustapha, LOGET Nicolas, BARBARAND Jocelyn, BRIAIS Justine, GAUTHERON Cecile	Sediment routing and piemont dynamics in syn orogenic series of the Aquitaine basin Pyrenean retroforeland (SW France)
<b>SB1-E14</b>	<u>LIU Shan</u> , VAN ROOIJ David, ERCILLA Gemma, HERNÁNDEZ-MOLINA Francisco Javier	New insights into the recent bottom-current processes within the Le Danois intraslope domain (Cantabrian continental margin, NE Atlantic)
<b>SB1-E15</b>	<u>LIU Shan</u> , VAN ROOIJ David, ERCILLA Gemma, HERNÁNDEZ-MOLINA Francisco Javier	Seismic architecture and evolution of the Le Danois Bank contourite depositional system (Cantabrian Continental Margin, NE Atlantic)
<b>SB1-E16</b>	MATOSHKO Andrei, MATOSHKO Anton, <u>DE LEEUW Arjan</u>	The Porat stage in the development of the Pliocene-Quaternary fluvial systems of the South-East Carpathian foreland
<b>SB1-E17</b>	<u>MCARTHUR Adam</u> , MCCAFFREY William	Evolution from ponded to tortuous to unconfined sedimentation in a marine trench-slope basin: examples from the East Coast Basin of New Zealand
<b>SB1-E18</b>	<u>MEHL Caroline</u> , ROBION Philippe	Early kinematic history of the SE basin of France and injection triggering mechanisms inferred from Microtectonic and AMS analyses. Example of the apto-albian Blue Marls formation, Sisteron (France)
<b>SB1-E28</b>	<u>ORTIZ Alexandre</u> , GUILLOCHEAU François, LASSEUR Eric, ROBIN Cécile, BRIAIS Justine	Post-orogenic sedimentary evolution of the retro-foreland basin of Aquitaine (Priabonian to today)
<b>SB1-E29</b>	<u>RAGUSA Jérémie</u> , KINDLER Pascal	Recognition of tectonic settings in collisional systems using bulk-rock geochemistry: an example from the accretionary wedge of the Western Alps
<b>SB1-E30</b>	<u>RODDAZ Martin</u> , LOUTERBACH Mélanie, HURTADO Christian, VENTURA Santos Roberto, BABY Patrice, DANTAS Elton, ANTOINE Pierre-Olivier	Provenance record of Maastrichtian- Paleocene Andean Mountain building in the Amazonian retroarc foreland basin (Huallaga and Madre de Dios basin, Peru)

<b>SB1-E31</b>	<u>SANCHEZ</u> Caroline, <u>REGARD</u> Vincent, <u>CARRETIER</u> Sébastien, <u>RIQUELME</u> Rodrigo, <u>BLARD</u> Pierre-Henri, <u>CAMPOS</u> Eduardo, <u>BRICHAU</u> Stéphanie, <u>LUPKER</u> Marteen, <u>HÉRAIL</u> Gérard	Neogene basin infilling from cosmogenic nuclides ( $^{10}\text{Be}$ and $^{21}\text{Ne}$ ) in Atacama, Chile
<b>SB1-E32</b>	<u>SEZIM</u> Mustapayeva, <u>BAIBATSHA</u> Adilkhan, <u>BEKBOTAEVA</u> Alma	Lithology and stratigraphy of Devon-Carbon deposits of Large Karatauh as the standards of oil and gas deposits of the Caspian Depression
<b>SB1-E33</b>	<u>TALUKDAR</u> Riyanka, <u>KOTHYARI</u> Girish	Quaternary landform developments and climatic variability in tectonically active region of Central Kumaun Himalaya, India
<b>SB1-E34</b>	<u>VARELA</u> Augusto, <u>RICHIANO</u> Sebastián, <u>POIRÉ</u> Daniel, <u>IGLESIAS</u> Ari, <u>BREA</u> Mariana	Characterization of a heterogeneous sequence boundary surface perpendicular to the Patagonian fold-and-thrust belt: the role of fossil forest
<b>SB1-E35</b>	<u>CHEN</u> Xiaowei	New evidences from zircon xenocrysts of diabase for the dating of the Xiangshan Group in the Zhongwei region, western North China Plate
<b>SB1-E36</b>	<u>ZAVALA</u> Valeria, <u>CARRETIER</u> Sébastien, <u>BONNET</u> Stéphane	Effect of orographic precipitation on the growth of mountain range-foreland basin system

## SB2 Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)

**Convenors** Cécile ROBIN (University of Rennes 1, FRA), Christophe BASILE (ISterre, FRA), Sylvie LEROY (ISTeP, FRA), Tiago ALVES (Cardiff University, GBR), Julien BOURGET (University of Western Australia, AUS)

### Oral presentations

<b>16:00-16:15</b>	<u>LELEU</u> Sophie, <u>LE GALL</u> Bernard, <u>PIK</u> Raphaël, <u>YIRGU</u> Ghesaghne, <u>AYALEW</u> Dereje, <u>JOURDAN</u> Frédéric	Sedimentary record in the Northern Afar Depression (Ethiopia): what message for the rifting development and erosion history?
<b>16:15-16:30</b>	<u>RIBES</u> Charlotte, <u>EPIN</u> Marie-Eva, <u>GHIENNE</u> Jean-François, <u>MANATSCHAL</u> Gianreto	Facies and stratal patterns of a syn-rift sequence along a fossil hyperextended rifted margin: the example of the Alpine Tethys margin in the Central Alps
<b>16:30-16:45</b>	<u>SMYRAK-SIKORA</u> Aleksandra, <u>KRISTENSEN</u> Jakob B., <u>BRAATHEN</u> Alvar, <u>OLAUSSEN</u> Snorre, <u>STEMMERIK</u> Lars	Tectonic and eustatic controls on deposition in evaporite- carbonate dominated rift basin fill, Billefjorden Trough, Norway
<b>16:45-17:00</b>	<u>NONN</u> Chloé, <u>LEROY</u> Sylvie	Structure and tectonic evolution of narrow and asymmetric conjugate passive margins : example from the Socotra-Sharabitah segment (eastern Gulf of Aden)

17:00-17:15	<u>MACHADO Gil</u> , RODRIGUES Cristiane	Deep water sedimentation in the Barreirinhas basin, NE Brazil: examples from 3D seismic data
17:15-17:30	<u>FANGET Anne-Sophie</u> , LONCKE Lies, PATTIER France, TALLOBRE Cédric, DROZ Laurence, MARSSET Tania	Post-transform sedimentation on the Demerara Plateau (South Central Atlantic): a case study of initiation and evolution of a contourite depositional system on a marginal plateau

Oral presentations of this session continue the next morning in **Cassiopee**, posters are on display only on Thursday!

## Room: SPOT

### CB3 Bio-Geo-Interactions in non-tropical and tropical marine carbonate systems

<b>Convenors</b>	Agostina VERTINO (Università di Milano-Bicocca, ITA), Daniela BASSO (Università di Milano-Bicocca, ITA), Chris JENKINS (University of Colorado Boulder, USA), Arnoud SLOOTMAN (King Fahd University of Petroleum and Minerals, KSA), Maria MUTTI (University of Potsdam, DEU)	
<b>Oral presentations</b>		
08:30-08:45	<u>MICHEL Julien</u> , BORGOMANO Jean, REIJMER John	Heterozoan carbonates: when, where and why? A synthesis on parameters controlling carbonate production and occurrences
08:45-09:00	<u>RIERA Rosine</u> , BOURGET Julien, MATONTI Christophe, HAIG David, GEORGE Annette, WILSON Moyra	Integrated study of an Oligo-Miocene subtropical carbonate system (Northern Carnarvon basin, Western Australia)
09:00-09:15	<u>BRAGA Juan</u> , SOLA Fernando, SÆLEN Gunnar	Patchy distribution of factory facies in late Miocene nearshore mixed carbonate-terrigenous deposits in Sierra de Gádor, Almería, SE Spain
09:15-09:30	<u>PURKIS Sam</u>	Spatial self-organization in reefal carbonates ? Suboptimal conditions yield spectacular patterns
09:30-09:45	<u>BRACCHI Valentina Alice</u> , BASSO Daniela, MARCHESE Fabio, CORSELLI Cesare, SAVINI Alessandra	Mediterranean seascape shaped by coraligenous build-ups
09:45-10:00	<u>ROSSO Antonietta</u> , HARMELIN Jean-Georges, SANFILIPPO Rossana	Bryozoans and their role in bio-geo interactions: an overview from the Mediterranean
10:30-10:45	<u>CALINE Bruno</u> , PARIENTE Mickaël, LE MAO Patrick, ROLLET Claire, DESROY Nicolas, WALKER Patrice, EHRHOLD Axel, SIMPLÉT Laure, TESSIER Bernadette, FOURNIER Jérôme, BORGOMANO Jean, POIRIER Clément, MICHEL Julien, BILLEAUD Isabelle, JORRY Stephan, BONNOT Chantal	High concentration of carbonates in the Normandy-Brittany Gulf (English Channel): a new modern carbonate depositional model of temperate shallow seaway?

<b>10:45-11:00</b>	<u>WHEELER Andy</u> , LIM Aaron	Controls on spatial facies variations in submarine canyon cold-water coral habitats
<b>11:00-11:15</b>	<u>COLLART Tim</u> , STEWART Heather, COLIN Christophe, DOUVILLE Eric, PONS-BRANCHU Edwige, TISMÉRAT-LABORDE Nadine, BLAMART Dominique, MIENIS Furu, VAN ROOIJ David	Early Holocene changes in Celtic shelf edge upwelling: a cold-water coral story
<b>11:15-11:30</b>	<u>TITSCHACK Jürgen</u> , BAUM Daniel	Cold-water coral preservation patterns in coral mounds evaluated by computed tomography: state of the art and future perspectives
<b>11:30-11:45</b>	<u>FRANK Tracy</u> , JAMES Noel	Early diagenesis of carbonates on polar shelves
<b>11:45-12:00</b>	<u>PAPILI Sonia</u> , DUPONT Yves	Shells and shell fragments as modifiers of sediments behaviour

#### Poster presentations

<b>CB3-C19</b>	<u>COLETTI Giovanni</u> , BRACCHI Valentina Alice, MARCHESE Fabio, BASSO Daniela, SAVINI Alessandra, VERTINO Agostina, CORSELLI Cesare	Build-ups and rhodolith carbonates along the Quaternary successions of the Adriatic and Ionian coasts of the Italian peninsula
<b>CB3-C20</b>	MARCHESE Fabio, FALLATI Luca, <u>BRACCHI Valentina Alice</u> , GALLI Paolo, CORSELLI Cesare, SAVINI Alessandra	Testing 3D electromagnetic data and techniques as a tool for high-resolution bathymetry in tropical coral reef environment
<b>CB3-C21</b>	<u>BRACCHI Valentina Alice</u> , BASSO Daniela	The role of the substrate in coralligenous development: examples from the present and the past
<b>CB3-C22</b>	<u>CHAMPILOU Jean-Baptiste</u> , BALTZER Agnès, MURAT Anne, METZGER Edouard, EHRHOLD Axel, NARDELLI Maria Pia, MOURET Aurélia, BARRAS Christine	Toward an understanding of the gas-Haploops links through the investigation of three different hydro sedimentary environments, offshore the coast of south Brittany and Loire Atlantic (Western France): the role of pockmarks
<b>CB3-C23</b>	<u>FEENSTRA Eline</u> , HEINDEL Katrin, BIRGEL Daniel, JARAMILLO-VOGEL David, WEHRMANN Laura, FRANK Norbert, GROBETY Bernard, FOUBERT Anneleen	Lipid biomarker data reveal paleo-dynamics of methane flux in Recent CWC carbonate mound sediments
<b>CB3-C24</b>	<u>FORNACIARI Beatrice</u> , BOSELLINI Francesca, FORNACIARI Eliana, GIUSBERTI Luca, PAPAZZONI Cesare Andrea, VESCOGNI Alessandro	The role of Larger Foraminifera in the Eocene carbonate production: large shells vs. micritic mud

<b>CB3-C25</b>	<u>GOMIS CARTESIO Luz Elena</u> , GERARD Jean, ESTEBAN Mateu, SALAS Ramon	Shallow shelf calcarenitic deposits under tidal influence: facies and architecture of carbonate tidal bars. Early Tortonian, Agua Amarga Basin, (SE Spain)
<b>CB3-C26</b>	<u>JENKINS Christopher</u> , VERTINO Agostina	Acoustic response of seafloors colonized by framework organisms
<b>CB3-C27</b>	<u>LIM Aaron</u> , ARNAUBEC Aurelien, KANE Adam, WHEELER Andrew	High resolution facies zonation and survey design at a deep-water cold-water coral mound; the case of Piddington Mound, Porcupine Seabight, NE Atlantic
<b>CB3-D1</b>	<u>PAPAZZONI Cesare</u> Andrea, SEDDIGHI Mona	Is there anyone needing a definition for nummulite banks?
<b>CB3-D2</b>	<u>POIRIER Clément</u> , TESSIER Bernadette, FOURNIER Jérôme, MESBAHI Yasmine, MOUAZÉ Dominique, RIEUX Alissia, WEILL Pierre	Spatio-temporal variability in the distribution of biogenic particles over a cool temperate carbonate intertidal flat (Mont Saint Michel bay, France)
<b>CB3-D3</b>	<u>RADDATZ Jacek</u> , BAHR André, FRANK Norbert, VERTINO Agostina, SKORNITZKE Stephan, STILLER Wolfram, FREIWALD André	Cold-water coral mounds off Brazil revisited: age and environmental constraints on growth and demise
<b>CB3-D4</b>	<u>RIEUX Alissia</u> , WEILL Pierre, MOUAZÉ Dominique, POIRIER Clément, TESSIER Bernadette	Thresholds of motion of shell debris under unidirectional flow: influence of faunal composition
<b>CB3-D5</b>	<u>ROSSO Antonietta</u> , SANFILIPPO Rossana, GUIDO Adriano	Biostalactites from present-day submarine caves of the Mediterranean
<b>CB3-D6</b>	<u>SLOOTMAN Arnoud</u> , CARTIGNY Matthieu, DE BOER Poppe, SAMANKASSOU Elias, MOSCARIELLO Andrea	How active are Heterozoan carbonate ramps? Insights into the dynamics of sediment production, transport and permanent deposition on the Pleistocene carbonate ramp of Favignana Island, Italy
<b>CB3-D7</b>	<u>VERTINO Agostina</u> , JENKINS Christopher, FREIWALD André	Phenotypic plasticity of frame-building cold-water coral colonies: a first modelling attempt
<b>CB3-D8</b>	<u>VESCOGNI Alessandro</u> , VERTINO Agostina, BOSELLINI Francesca, HARZHAUSER Mathias, MANDIC Oleg, CIPRIANI Anna, CONTI Stefano, REMITTI Francesca	The onset and evolution of the Miocene phosphatic hardground of Salento (S Italy) unlocked by its coral-mollusc fossil archive
<b>CB3-D9</b>	<u>WANG Haozhuang</u> , WIENBERG Claudia, TITSCHACK Jürgen, HEBBELN Dierk	A comparison in cold-water coral occurrence and coral mound development since the last deglaciation between two coral provinces in the southeastern Alboran Sea
<b>CB3-D27</b>	<u>YI Shuo</u> , HUANG Wenhui	Characteristics and its environmental significance of oncolites of Eocene Guanzhuang Formation, Pingyi Basin, East of China

## PP3 Tertiary climate and paleoenvironmental changes

<b>Convenors</b>		Marc de RAFÉLIS (University of Toulouse III - GET, FRA), Fabrice MINOLETTI (ISTeP, FRA)
<b>Oral presentations</b>		
14:30-14:45	TREMBLIN Maxime, HERMOSO Michaël, MINOLETTI Fabrice	A not so flat meridional temperature gradient during the hot Eocene: reconciling proxy and model data
14:45-15:00	VOIGT Silke, FRISCH Konstantin, HELLWIG Alexandra, RADDATZ Jacek, GERDES Axel, VOIGT Thomas, VERESTEK Verena, APPEL Erwin	Long-period astronomical forcing on westerly-driven moisture transport to Central Asia during the Middle Miocene Climate Transition
15:00-15:15	AMAKRANE Jemaa, EL HAMMOUI Kamal, AZDIMOUS A Ali, EL OUAHABI Meriam, FAGEL Nathalie	Plaeoenvironmental reconstruction of the Guercif Basin during the Tortonian-Messinian (NE Morocco)
15:15-15:30	GILLOT Thomas, COJAN Isabelle	A Mediterranean realm as early as Lower to Middle Miocene in SE France and Central Spain reconstructed from calcisols
<b>Poster presentations</b>		
PP3-L1	ADATTE Thierry, KHOZYEM Hassan, SPANGENBERG Jorge	Response of terrestrial and marine environments to the Paleocene-Eocene Thermal Maximum (PETM), insights from a basin-continent transect, NE and Central Pyrenees, Spain
PP3-L2	CASTELLANI Christopher, BOMOU Brahim samba, FERRANDINI Michelle, FERRANDINI Jean, ADATTE Thierry, GAREL Emilie, HUNEAU Frederic	The Miocene Formation of Taverna, Corsica: a micropalaeontological and mineralogical approach
PP3-L3	FRISCH Konstantin, VOIGT Silke, VERESTEK Verena, APPEL Erwin, VOIGT Thomas, HELLWIG Alexandra	Obliquity forcing on moisture supply and eccentricity control on water budget: a Central Asian perspective on the Miocene Climate Transition
PP3-L4	GUO Yu	Paleoenvironment and paleoclimate of Neogene sediments in shallow sea area of Nanpu Sag, Bohai Bay Basin, China: an integrated inorganic geochemical and biomarkers approach
PP3-L5	HELLWIG Alexandra, VOIGT Silke, MULCH Andreas, FRISCH Konstantin, BARTENSTEIN Alexander, PROSS Jörg, GERDES Axel, VOIGT Thomas	Late Oligocene-early Miocene humidity change recorded in terrestrial sequences in the Ili Basin (south-eastern Kazakhstan, Central Asia)

<b>PP3-L6</b>	<u>HUYGHE</u> Damien, EMMANUEL Laurent, RENARD Maurice, LARTAUD Franck, GÉNOT Patrick, RIVELINE Janine, MERLE Didier	New insights from summer paleotemperatures deduced from stable isotope ( $\delta^{18}\text{O}$ ) composition of shallow-marine and non-marine algae in the Paleogene of the Paris Basin
<b>PP3-L7</b>	<u>LE CALONNEC</u> Laurence, GALBRUN Bruno, PERSON Alain, HARIVEL Carine, BOULILA Slah, SCHNYDER Johann, EMMANUEL Laurent, GÉLY Jean-Pierre, MINOLETTI Fabrice, SÉGALEN Loïc, ZUDDAS Pierpaolo	Environmental and climate reconstruction of the Eocene/Oligocene deposits from the Paris Basin : Cormeilles-en-Parisis section (France)
<b>PP3-L8</b>	<u>LÉZIN</u> Carine, MAILLARD Agnès, ODONNE François, COLINET Gary, CHANIER Frank, GAULLIER Virginie	Tectono-sedimentary evolution of the Miocene-Pliocene series of Ibiza: new onshore evidence of the Messinian salinity crisis
<b>PP3-L9</b>	<u>PLINK-BJÖRKLUND</u> Piret, JONES Evan	Did Early Eocene rivers have extreme hydrological regimes?
<b>PP3-L10</b>	<u>SUC</u> Jean-Pierre, POPESCU Speranta-Maria, BESSEDIK Mostefa, JIMÉNEZ-MORENO Gonzalo, ZHENG Zhuo, RUBINO Jean-Loup, LE GOUCHE Chloé, SALPIN Marie, SCHNYDER Johann, ROBIN Cécile	Pollen records and clinostratigraphy: a powerful tool for short- to long-distance correlations of Cenozoic deposits
<b>PP3-L11</b>	<u>UPRETI</u> Neha, SRIVASTAVA Pankaj	Clay mineralogy of the early and late Oligocene paleosols of the Himalayan foreland: implications for initiation and intensification of SW monsoon
<b>PP3-L12</b>	<u>ZHANG</u> Xianguo, ZHANG Tao, LIN Chengyan	Paleosalinity and water body type of Eocene Pingu Formation, Xihu Depression, East China Sea Basin

### CB2 Carbonate slopes and basins: Sedimentary processes and archives through time

**Convenors** Christian BETZLER (Institut für Geologie, Hamburg, DEU), Jean BORGOMANO (CEREGE Aix-Marseille, FRA), Angel PUGA-BERNABEU (Universidad de Granada, ESP), John REIJMER (King Fahd Petroleum and Minerals, KSA), Marco BRANDANO (Sapienza Università di Roma, ITA)

### Oral presentations

<b>16:00-16:15</b>	<u>BETZLER</u> Christian, EBERLI Gregor	Carbonate platform slopes: the importance of contour currents
	<u>MULDER</u> Thierry, GILLET Hervé, REIJMER John, DROXLER André, CAVAILHES Thibault, HANQUIEZ Vincent,	
<b>16:15-16:30</b>	<u>FAUQUEMBERGUE</u> Kelly, BUJAN Stephane, BLANK David, BASHAH Sara, GUIASTRENNEC Léa, FABREGAS Natacha, RECOUVREUR Audrey, SEIBERT Chloé	Giant Canyons and chute pools in deep-sea carbonate environment (Bahamas)

16:30-16:45	<u>PUGA-BERNABEU Angel</u> , SOLA Fernando, AGUIRRE Julio, BRAGA Juan	Heterozoan carbonate deposition in a submarine canyon created by a submarine landslide (Late Miocene, Alhama de Almería, SE Spain)
16:45-17:00	<u>TAM Tomas</u> , BOURGET Julien, FRERY Emanuelle, ROSS Andrew, GEORGE Annette	Plio-Quaternary slope processes in a cool-water carbonate ramp setting: preliminary results from the Bight Basin, Australia
	SWART Peter, MACKENZIE Greta, BLÄTTLER Clara, NAKAKUNI Masatoshi, REOLID Jesús, SLAGLE Angela, YOUNG Jeremy, BETZLER Christian, EBERLI Gregor, ALONSO-GARCIA Montserrat, KROON Dick, WRIGHT	
17:00-17:15	James, ALVAREZ ZARIKIAN Carlos, GUO Junhua, HAFFEN Sébastien, HOROZAL Senay, INOUE Mayuri, JOVANE Luigi, LANCI Luca, LING Anna, PETRUNY Loren, LÜDMANN Thomas, NIINO Kaoru, NATH BEJUGAM Nagender, OR Bialik, LAYA Juan Carlos, PRATIWI Santi, REIJMER John, SLOSS Craig, SU Xiang, YAO Zhengquan	Early Miocene sapropels in the Maldives carbonate archipelago
17:15-17:30	RIBOULOT Vincent, <u>CATTANEO Antonio</u> , JORRY Stephan, JOUET Gwenael, COURGEON Simon, BEAUFORT Luc	Destabilization of tropical isolated carbonate platforms

#### Poster presentations

CB2-D19	<u>BORGOMANO Jean</u> , HAIRABIAN Alex, REIJMER John, MULDER Thierry, POLI Emmanuelle	Distal submarine carbonate fans do not exist?
CB2-D20	<u>FERRÀNDEZ-CAÑADELL Carles</u> , <u>BOVER-ARNAL Telm</u>	New foraminiferal proxies for western Tethys Late Oligocene (Chattian) biostratigraphy and paleobiogeography
CB2-D21	<u>BRANDANO Marco</u>	On the origin of the Paleogene unconformity in the Latium-Abruzzi carbonate succession: a shaved platform
CB2-D22	<u>BUSSON Jean</u> , JOSEPH Philippe, MULDER Thierry, TELES Vanessa, POLI Emmanuelle	High resolution stratigraphic interpretation and modeling of the leeward prograding Western Bahamas slope during the Plio-Quaternary
CB2-D23	<u>BUSSON Jean</u> , TELES Vanessa, JOSEPH Philippe, MULDER Thierry, POLI Emmanuelle	Investigating controls of gravity failures on carbonate slopes: forward numerical modelling of mechanical stratigraphy
CB2-D24	<u>CORNACCHIA Irene</u> , BRANDANO Marco, RAFFI Isabella, TOMASSETTI Laura	Consequences of the Oi-1 event on the carbon cycle: the Central Mediterranean record

<b>CB2-D25</b>	<u>EBERLI</u> Gregor, <u>LING</u> Anna, <u>HEBBELN</u> Dierk, <u>WIENBERG</u> Claudia, <u>FREIWALD</u> André, <u>BECKER</u> Marius	Mass-wasting and current processes on the distal portion of the West Florida platform
<b>CB2-D26</b>	<u>FABREGAS</u> Natacha, <u>MULDER</u> Thierry, <u>HANQUIEZ</u> Vincent, <u>GILLET</u> Hervé, <u>DUCASSOU</u> Emmanuelle, <u>FAUQUEMBERGUE</u> Kelly, <u>PRINCIPAUD</u> Mélanie, <u>CONESA</u> Gilles, <u>LE GOFF</u> Johan, <u>RAGUSA</u> Jérémie, <u>BASHAH</u> Sara, <u>BUJAN</u> Stéphane, <u>REIJMER</u> John, <u>CAVAILHES</u> Thibault, <u>DROXLER</u> André, <u>RECOUVREUR</u> Audrey, <u>GUIASTRENNEC</u> Léa, <u>BLANK</u> David, <u>SEIBERT</u> Chloé	Carbonate slope morphology revealing deep-sea sediment transfer in Little Bahama Bank, Bahamas
<b>CB2-E1</b>	<u>FAUQUEMBERGUE</u> Kelly, <u>DUCASSOU</u> Emmanuelle, <u>MULDER</u> Thierry, <u>POLI</u> Emmanuelle, <u>BORGOMANO</u> Jean	The carbonate Holocene wedge of northern Little Bahama Bank: between bank and deep domain
<b>CB2-E2</b>	<u>FAUQUEMBERGUE</u> Kelly, <u>DUCASSOU</u> Emmanuelle, <u>MULDER</u> Thierry, <u>CHABAUD</u> Ludivine, <u>TOURNADOUR</u> Elsa, <u>POLI</u> Emmanuelle, <u>BORGOMANO</u> Jean	Down to the deep: from carbonate platform to abyssal plain
<b>CB2-E3</b>	<u>GEORGE</u> Annette, <u>ANDERSON</u> Kaylee, <u>BOOTH</u> John	Carbonate slopes and associated platform-margin facies, Pennsylvanian-Permian platforms of the Loei-Phetchabun foldbelt, NE Thailand
<b>CB2-E4</b>	<u>LE GOFF</u> Johan, <u>SLOOTMAN</u> Arnoud, <u>REIJMER</u> John, <u>DUCASSOU</u> Emmanuelle, <u>MULDER</u> Thierry	Comparing mass transport deposits in large-scale fossil and modern carbonate systems
<b>CB2-E5</b>	<u>LIANG</u> Ting, <u>JONES</u> Brian	Distribution of rare earth elements and yttrium of sinkhole-filling deposits associated with an erosional unconformity on Grand Cayman
<b>CB2-E6</b>	<u>MULDER</u> Thierry, <u>JOUMES</u> Margot, <u>HANQUIEZ</u> Vincent, <u>REIJMER</u> John, <u>TOURNADOUR</u> Elsa, <u>CHABAUD</u> Ludivine, <u>PRINCIPAUD</u> Mélanie, <u>SCHNYDER</u> Jara, <u>BORGOMANO</u> Jean, <u>FAUQUEMBERGUE</u> Kelly, <u>DUCASSOU</u> Emmanuelle, <u>BUSSON</u> Jean	High-resolution carbonate slope morphology revealing sediment transfer from bank-to-slope (Little Bahama Bank, Bahamas)
<b>CB2-E7</b>	<u>RECOUVREUR</u> Audrey, <u>MULDER</u> Thierry, <u>HANQUIEZ</u> Vincent, <u>BORGOMANO</u> Jean, <u>REIJMER</u> John, <u>DROXLER</u> André, <u>GILLET</u> Hervé, <u>CAVAILHES</u> Thibault, <u>FABREGAS</u> Natacha, <u>GUIASTRENNEC</u> Léa, <u>FAUQUEMBERGUE</u> Kelly, <u>BLANK</u> David, <u>BASHAH</u> Sara, <u>BUJAN</u> Stéphane, <u>SEIBERT</u>	Large carbonate-fed deep-sea turbidite fan developed at the mouth of a giant canyon along the Bahamian slope

Chloé, DUCASSOU Emmanuelle, PRINCIPAUD Mélanie,  
CONESA Gilles, LE GOFF Johan, RAGUSA Jérémie

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**SPOT (Wednesday 11<sup>th</sup>)**

<b>CB2-E8</b>	<u>REOLID</u> Jesús, BETZLER Christian, LÜDMANN Thomas	Controls on the turnovers of platform slope geometries and composition (Maldives, Indian Ocean)
<b>CB2-E9</b>	<u>WU</u> Shiguo, CAI Guangqiang, MA Benjun, LIU Gang, LÜDMANN Thomas	Geomorphology and Quaternary sedimentary characteristics around large isolated carbonate platforms in Xisha (Paracel) Archipelago, South China Sea

**Room: ARGOS****PP1 Late Paleozoic & Permo-Triassic environments**

<b>Convenors</b>	Christopher R. FIELDING (University of Nebraska-Lincoln, USA), Tracy D. FRANK (University of Nebraska-Lincoln, USA), Sylvie BOURQUIN (University of Rennes 1, FRA), Rossana MARTINI (University of Geneva, CHE), Arnaud BRAYARD (University of Bourgogne, FRA)	
<b>Oral presentations</b>		
<b>08:30-08:45</b>	<u>MAILLET</u> Marine, HUANG Wentao, MIAO Zhuowei, GONG Enpu, GUAN Changqing, ZHANG Yongli, SAMANKASSOU Elias	Carboniferous carbonate platforms and coral-reefs in Southern China
<b>08:45-09:00</b>	<u>VAN DEN BELT</u> Frank, DE BOER Poppe	Long-term changes in atmospheric circulation during the Palaeozoic: shifting between a subtropical-evaporite and a polar-glaciation depositional mode
<b>09:00-09:15</b>	<u>JOACHIMSKI</u> Michael, ALEKSEEV Alexander, GRIGORYAN Araik	Climatic warming across the Permian-Triassic boundary ? New evidence from Armenia
<b>09:15-09:30</b>	<u>FIELDING</u> Christopher, FRANK Tracy	An integrated palaeoenvironmental analysis of the Permo-Triassic boundary succession in eastern Australia
<b>09:30-09:45</b>	<u>FORTE</u> Giuseppa, ROGHI Guido, KUSTATSCHER Evelyn, PRETO Nereo	Palaeoenvironment and palaeoclimate in the Kungurian (Early Permian) of Tregiovo (N-Italy) from palaeobotanical, palynological and stable isotopic analyses
<b>09:45-10:00</b>	<u>ROSSIGNOL</u> Camille, BOURQUIN Sylvie, HALLOT Erwan, POUJOL Marc, ROGER Françoise, DABARD Marie-Pierre, MARTINI Rossana, VILLENEUVE Michel, CORNÉE Jean-Jacques	Late Permian to Late Triassic paleogeographic evolution of the South China and Indochina blocks, South East Asia

Poster presentations		
PP1-F15	<u>BÁBEK Ondřej</u> , FAMĚRA Martin, ŠIMÍČEK Daniel, WEINEROVÁ Hedvika, HLADIL Jindřich, KALVODA Jiří	Sea-level changes vs. carbonate productivity as controls on Early and Middle Devonian bioevents: facies- and gamma-ray based sequence-stratigraphic correlation of the Prague Basin, Czech Republic
PP1-F16	<u>BÁBEK Ondřej</u> , FAMĚRA Martin, HLADIL Jindřich, KAPUSTA Jaroslav, ŠIMÍČEK Daniel, WEINEROVÁ Hedvika	Early diagenetic origin of red pelagic carbonates as an interplay of global climate and local basin factors: insight from the Lower Devonian of the Prague Basin, Czech Republic
PP1-F17	<u>BENAQUISS Naima</u> , TOURANI Abdelilah, BOURQUIN Sylvie, BROUTIN Jean	The Permian-Triassic transition and the beginning of the Mesozoic sedimentation of High Atlas of Marrakech and Argana basins: attempt of correlation at western Peri-Tethyan domain
PP1-F18	<u>BOURQUIN Sylvie</u> , LE CARLIER DE VESLUD Christian, DURAND Marc	The beginning of Mesozoic sedimentation of the North and East of France: palaeoenvironmental reconstructions and implications on geodynamic evolution of the Triassic in NW Europe
PP1-F19	<u>CAILLAUD Alexis</u> , BLANPIED Christian, DELVAUX Damien	Sedimentology and climate evolution in the eastern region of Central Africa during the Permian-Triassic: an example of the Lukuga Group in the oriental part of the Congo Basin
PP1-J1	<u>CARAVACA Gwénaël</u> , THOMAZO Christophe, VENNIN Emmanuelle, OLIVIER Nicolas, COCQUEREZ Théophile, ESCARGUEL Gilles, FARA Emmanuel, JENKS James, BYLUND Kevin, STEPHEN Daniel, BRAYARD Arnaud	Importance of the local controlling factors over the Early Triassic paired carbon isotopes fluctuations
PP1-J2	<u>DE LA HORRA Raúl</u> , Borrue-Abadía Violeta, INSUA-ARÉVALO Juan Miguel, LÓPEZ-GÓMEZ José, BARRENECHEA José	Unconformity-bounded paleofloras in the Carboniferous-Permian transition at the Henarejos Basin, SE Iberian Ranges (Spain)
PP1-J3	<u>DENAYER Julien</u> , MOTTEQUIN Bernard, PRESTIANNI Cyrille, POTY Edouard	In- and out-of-sequence event stratigraphy across the Devonian Carboniferous Boundary - A view from the shelf in S Belgium
PP1-J4	<u>DURKOWSKI Karol</u> , DURKOWSKA Anna, WOJEWODA Jurand, SOKALSKI Dominik	Pre- and post-consolidated sediment deformations in the transitional terrigenous series (Zechstein/Lower Buntsandstein in the North-Sudetic Synclinorium)
PP1-J5	<u>JIN Xin</u> , SHI Zhiqiang, MIETTO Paolo, RIGO Manuel, MANFRIN Stefano, FRANCESCHI Marco, PRETO Nereo	Carbonate platform crisis in the Carnian (Late Triassic) of Hanwang (Sichuan Basin, South China): insights from new biostratigraphic and stable isotope data

## ARGOS (Wednesday 11<sup>th</sup>)

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<b>PP1-J6</b>	<u>DIETRICH Pierre</u> , HOFMANN Axel	Glacial and interglacial sedimentary record in cross-shelf valley: evidence for Permo-Carboniferous ice-margin fluctuations (Dwyka Group, South-Eastern South Africa)
<b>PP1-J7</b>	<u>MATHESON Edward</u> , FRANK Tracy	The Permian phosphoria rock complex: a record of the interaction of the arid Western Pangaea landmass and Panthalassa
<b>PP1-J8</b>	<u>NÉGREL Manon</u> , ARETZ Markus, NARDIN Elise, ISSAUTIER Benoit	A West-East transect through the upper Devonian succession of the French Pyrenees: facies distribution and preliminary basin development reconstruction
<b>PP1-J9</b>	<u>SHAO Longyi</u> , YAN Zhiming, WANG Juan, WANG Xuetian	Petrology, geochemistry and paleoenvironmental significance of the end-Permian coals in SW China
<b>PP1-J10</b>	<u>TOURANI Abdelilah</u> , BENAOUISS Naima, BOURQUIN Sylvie, BROUTIN Jean	Sedimentology and Ichnology of the Late Triassic Irohalen Mudstone, Argana Valley, Morocco
<b>PP1-J11</b>	<u>WANG Mengshi</u>	Characteristics of element abundance and paleoenvironmental evolution of source rocks of the Lower Permian Fengcheng Formation in Mahu sag, Junggar Basin, NW China
<b>PP1-J12</b>	<u>ZHANG Huiliang</u>	Effects of tidal high-frequency sea-level changes to sand reservoir and oil accumulation - Studying on the Silurian in Tazhong Area, Tarim Basin, China

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### PP5 Paleoenvironmental reconstructions: What can be learnt from authigenic minerals and other sedimentary archives?

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<b>Convenors</b>	Chloé MORALES (University of Utrecht, NLD), Karl FÖLLMI (University of Lausanne, CHE), Jörn PECKMANN (University of Hamburg, DEU), Gregory PRICE (Plymouth University, GBR), Nicolas TRIBOVILLARD (University of Lille 1, FRA)	
<b>Oral presentations</b>		
<b>10:30-10:45</b>	<u>MILESI Vincent</u> , JÉZÉQUEL Didier, GUYOT François, DEBURE Mathieu, MARTY Nicolas, CLARET François, VIRGONE Aurélien, GAUCHER Eric, ADER Magali	Formation of Mg-aluminosilicates during early diagenesis of carbonate sediments in the volcanic crater lake of Dziani Dzaha (Mayotte, Indian Ocean)
<b>10:45-11:00</b>	<u>ORDÓÑEZ Luis</u> , ARIZTEGUI Daniel, CHIARADIA Massimo, VOGL Hendrik, MELLES Martin, RUSSEL James M., BIJAKSANA Satria, Scientif Team & The Tdp	Quantifying authigenic Fe-phases and their Fe-isotope signatures in lacustrine sediments

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<b>11:00-11:15</b>	<u>GISCHLER</u> Eberhard, <u>BIRGEL</u> Daniel, <u>BRUNNER</u> Benjamin, <u>HEINDEL</u> Katrin, <u>REITNER</u> Joachim, <u>EISENHAUER</u> Anton, <u>BUHRE</u> Stephan, <u>MEYER</u> Gabriela, <u>PECKMANN</u> Joern	Biogenic carbonate accretion in submerged karst caves (blue holes) in the Belize barrier and atoll reef system under changing meteoric and marine conditions
<b>11:15-11:30</b>	<u>GUILLERM</u> Emmanuel, <u>GARDIEN</u> Véronique, <u>ARIZTEGUI</u> Daniel, <u>CAUPIN</u> Frédéric	A new paleothermometer for evaporitic environments: Brillouin spectroscopy
<b>11:30-11:45</b>	<u>TODD</u> Stephanie, <u>PUFahl</u> Peir, <u>MURPHY</u> Brendan J., <u>TAYLOR</u> Kevin	Sedimentology and oceanography of Early Ordovician ironstone, Bell Island, Newfoundland: ferruginous seawater and upwelling in the Rheic ocean
<b>11:45-12:00</b>	<u>MORAL</u> Chloé, <u>ROGOV</u> Mikhail, <u>WIERZBOWSKI</u> Hubert, <u>ERSHOVA</u> Victoria, <u>SUAN</u> Guillaume, <u>TEGELAAR</u> Erik, <u>REICHART</u> Gert-Jan, <u>DE LANGE</u> Gert, <u>MIDDLEBURG</u> Jack, <u>VAN DE SCHOOTBRUGGE</u> Bas	Mesozoic glendonites: tracers of methane seepage in polar seas

#### Poster presentations

<b>PP5-K1</b>	<u>BANERJEE</u> Santanu, <u>BANSAL</u> Udit, <u>PANDE</u> Kanchan	Influence of depositional condition and stratigraphic context on chemical compositions of Cretaceous glauconites in peninsular India
<b>PP5-K2</b>	<u>FADIPE</u> Justin, <u>FELIX</u> Maarten	Determination of palaeoproductivity using hydrogen index as a proxy
<b>PP5-K3</b>	<u>FELLETTI</u> Fabrizio, <u>CRIPPA</u> Gaia, <u>BAUCON</u> Andrea, <u>ANGIOLINI</u> Lucia, <u>RAINERI</u> Gianluca, <u>SCARPONI</u> Daniele	Paleo-environment evolution through climate change: a holistic perspective
<b>PP5-K4</b>	<u>FÖLLMI</u> Karl	Authigenesis and sedimentary condensation
<b>PP5-K5</b>	<u>HU</u> Guangming, <u>WANG</u> Dan, <u>LI</u> Yu	Quantitative lithofacies paleogeography research: a case form Ordovician Majiagou 54 Sub-member in the West Jingbian platform, Ordos Basin, China
<b>PP5-K6</b>	<u>IAKOVISHINA</u> Elena, <u>ZAYTSEVA</u> Tatyana, <u>KRUPSKAYA</u> Victoria	Paleoclimatic and paleogeographic reconstructions of the Cretaceous and Paleogene of the Volga region on the basis of K-Ar isotopic data of x globular layered silicates
<b>PP5-K7</b>	<u>MCCORMACK</u> Jeremy, <u>MEYER</u> Felix Tillman, <u>IMMENHAUSER</u> Adrian, <u>KWIECIEN</u> Ola	Did you say "fast"? Early diagenesis in sub-recent lacustrine sediments of Lake Van
<b>PP5-K8</b>	<u>MORLOCK</u> Marina, <u>VOGEL</u> Hendrik, <u>HADI</u> Jebril, <u>FOUBERT</u> Anneleen, <u>ARIZTEGUI</u> Daniel, <u>MELLES</u> Martin, <u>RUSSELL</u> James, <u>BIJAKSANA</u> Satria	A novel 4D-view on sediments: insights to sedimentation processes and post-sedimentary mineral formation

<b>PP5-K9</b>	<u>NEUGEBAUER</u> Ina, THOMAS Camille, WALDMANN Nicolas, ARIZTEGUI Daniel	Formation and cyclicity of non-annual Fe-Mn laminae in Lago Fagnano, Tierra del Fuego
<b>PP5-K10</b>	<u>ORDÓÑEZ</u> Luis, ARIZTEGUI Daniel, SEBAG David, ADATTE Thierry, VOGEL Hendrik, MELLES Martin, RUSSEL James M., BIJAKSANA Satria, Scientific Team The Tdp	Empowering the results of conventional rock-eval analyses - Siderite matrix effect correction for paleoclimate reconstruction using organic matter proxies
<b>PP5-K11</b>	<u>REMIREZ</u> Mariano, SPALLETTI Luis	Geochemical characterization of offshore deposits in a mixed siliciclastic-carbonate marine ramp
<b>PP5-K12</b>	<u>SHCHEPETOVA</u> Elena, ROGOV Mikhail, ZERKAL Oleg, SAMARIN Evgeny, KOSORUKOV Vladimir, GVOZDEVA Irina	Clinoptilolite within Upper Jurassic mudstones of the Central Russia as indirect consequence of high sea surface bioproductivity
<b>PP5-K13</b>	<u>TALLOBRE</u> Cédric, GIRESSE Pierre, BASSETTI Maria-Angela, LONCKE Lies, ALINA Tudry, FERRER Camille, BUSCAIL Roselyne, BAYON Germain, Equipe Scientifique Iguanes	Formation and evolution of a glauconite-rich contourite depositional system on the marginal Demerara plateau (French Guiana, Surinam)
<b>PP5-K14</b>	<u>VICKERS</u> Madeleine, <u>PRICE</u> Gregory, WATKINSON Matthew, JERRETT Rhodri	Glendonite formation in the Early Cretaceous of Spitsbergen ? evidence for cold climates and methane seepage?
<b>PP5-F13</b>	<u>WANG</u> Ning	The identification of sedimentary environments depends on organic and inorganic methods
<b>PP5-F14</b>	<u>YANG</u> Mingyu, FRANK Tracy, FIELDING Christopher	Regional distribution of cryogenic brine in the Victoria Land Basin, Antarctica: implications for Antarctica Cenozoic climate evolution and glacial processes

### RTS2 Time Calibration of Paleoclimatic and Paleoceanographic events

**Convenors** Nicolas THIBAULT (University of Copenhagen, DAN), Mathieu MARTINEZ (University of Rennes 1, FRA) Matthias SINNESAEL (Vrije Universiteit Brussel, BEL), Luis VALERO (Universitat Autònoma de Barcelona, ESP), Anne-Christine da SILVA (Universities of Liège and Utrecht, BEL/NLD)

### Oral presentations

14:30-14:45	<u>JAROCOWSKA</u> Emilia, RAY David, RÖSTEL Philipp, WORTON Graham, MUNNECKE Axel	Sequence-stratigraphic controls over $\delta^{13}\text{C}_{\text{carb}}$ variability and conodont distribution in the Homerian (Silurian) of the Midland Platform, England
14:45-15:00	<u>PAS</u> Damien, HINNOV Linda, DAY James E. (Jed), KODAMA Kenneth, SINNESAEL Matthias, LIU Wei	Cyclostratigraphic calibration of the Late Devonian time scale

<b>15:00-15:15</b>	<u>RUHL Micha</u> , HESSELBO Stephen, XU Weimu, THIBAULT Nicolas, JENKYNS Hugh, AL SUWAIDI Aisha, STORM Marisa, RIDING James, ULLMANN Clemens	A high-precision numerical time scale for the Toarcian stage: implications for timing of the marine Toarcian oceanic anoxic event (T-OAE) and Karoo-Ferrar volcanism
<b>15:15-15:30</b>	<u>AL SUWAIDI Aisha</u> , RUHL Micha, CONDON Daniel, HESSELBO Stephen, JENKYNS Hugh, STORM Marisa	Geochemical, astro- and geochronological constraints on the Bathonian? Callovian Boundary (Neuquén Basin, Argentina)
<b>16:00-16:15</b>	<u>WOUTERS Sébastien</u> , BORNEMANN André, ERBACHER Jochen, MARTINEZ Mathieu, THÖLE Hauke, BOULVAIN Frédéric, DE VLEESCHOUWER Xavier	Cyclostratigraphy in the Hauterivian-Barremian Frielingen core (Lower Saxony Basin, Germany)
<b>16:15-16:30</b>	<u>BODIN Stéphane</u> , HUCK Stefan	Temporal constraints on the development of Urgonian-type limestones in the western Tethys: new insights from high-resolution strontium isotope stratigraphy
<b>16:30-16:45</b>	<u>ADATTE Thierry</u> , BOMOU Brahim samba, DE KAENEL Eric, THIBAULT Nicolas, SPANGENBERG Jorge	The Diachronism of the Coniacian-Santonian Boundary: examples from GSSP of Olazagutia (Spain) and Ten Mile Creek-Arbor Park (USA)
<b>16:45-17:00</b>	<u>POYATOS-MORÉ Miquel</u> , HONEGGER Louis, CHANVRY Emmanuelle, CASTELL TORT Sebastien, SAMSÓ Josep Maria, SERRA-KIEL Josep, PUIGDEFÀBREGAS Cai, CLARK Julian, BOYA Salvador, MUÑOZ Josep Anton, MIDTKANDAL Ivar	Tectonic, eustatic and climatic cyclicity in a mixed clastic-carbonate succession (lower Eocene, south-central Pyrenees, Spain)
<b>17:00-17:15</b>	<u>SALHI Sonia</u> , OMAR Hamdi, HAJ MESSAOUD Jihede, CHOKRI Yaich	Climate variability in the Southwestern Mediterranean (Eastern Tunisia) during Middle to Late Holocene: reconstruction of millennial to centennial climate cycles
<b>17:15-17:30</b>	<u>EL MEKNASSI Sofia</u> , CARDONE Thibault, DERA Guillaume, DE RAFÉLIS Marc, CHAVAGNAC Valérie	Sr isotope composition of modern molluscs shells: are they a truthful proxy of seawater composition?

### Poster presentations

<b>RTS2-E22</b>	<u>AICHHOLZER Coralie</u> , DURINGER Philippe, ORCIANI Sergio, GENTER Albert	The complete chrono-lithostratigraphic log of the geothermal well of Rittershoffen, Alsace (GRT-1): an example of cuttings and field analysis in order to establish a very precise geological log
<b>RTS2-E23</b>	<u>ASHLEY Gail</u>	Sedimentary records of paleo groundwater in the arid East African Rift System result from the interplay of hydrology, biology and geology

<b>RTS2-E24</b>	<u>DA SILVA Anne-Christine</u> , BARTHOLOMEW Alex, BRETT Carlton, GABELER Gabe, HILGEN Frits, JUAREZ Cecia, MARACEK Casey, VER STRAETEN Charles, DEKKERS Mark	Outstanding Lower Devonian Milankovitch cyclicity exposed in the Hudson Valley, New York State
<b>RTS2-E25</b>	<u>DA SILVA ANNE-CHRISTINE</u> , HLADIL Jindříš, CHADIMOVA Leona, SLAVÍK Ladislav, HILGEN Frits, DEKKERS Mark	To see or not to see Milankovitch cycles? Example of the Lower Devonian hemipelagic succession from Czech Republic
<b>RTS2-E26</b>	<u>DE VLEESCHOUWER</u> David, <u>DA SILVA</u> Anne-Christine, <u>SINNEAEL</u> Matthias, CHEN Daizhao, DAY James, WHALEN Michael, GUO Zenghui, CLAEYS Philippe	Obliquity-pacing of the Late Devonian mass extinction event
<b>RTS2-E27</b>	<u>DI RENZO</u> Rosalia, TURCO Elena	Early-middle Miocene planktonic foraminiferal provincialization: a comparison between the Equatorial Atlantic ODP Site 925 and the Mediterranean high resolution quantitative biostratigraphic records
<b>RTS2-F4</b>	<u>MARTÍNEZ-BRACERAS</u> Naroa, DINARÈS-TURELL Jaume, Payros Aitor, INTXAUSPE-ZUBIAURRE Beñat	Astronomical tuning as a tool to disentangle variable sedimentary conditions and stratigraphic gaps in the middle Eocene Oyambre section (northern Spain)
<b>RTS2-F5</b>	<u>MONKENBUSCH</u> Johannes, LEJAY Alain, MARTINEZ Mathieu, PÄLKE Heiko	Orbital forcing of organic matter quality and quantity in a source-rock formation: the case of the Vaca Muerta Formation, Tithonian-Valanginian, Neuquén Basin, Argentina
<b>RTS2-F6</b>	<u>NTSAMAMA ATANGANA</u> Jacqueline, BENNAMI Mouloud, HELL Joseph Victor, VIGNAUD Patrick, BESSONG Moïse, NDJENG Emmanuel	Sedimentology and Magnetostratigraphy of the cretaceous formations in the Hamakoussou and Mayo Oulo-Lere bassins in the Northern Cameroon (Benue Throught)
<b>RTS2-F7</b>	<u>LIU Wei</u> , WU Huaichun, HINNOV Linda, PAS Damien	Cyclostratigraphic analysis of the Lower Cretaceous terrestrial Songliao Basin, Northeast China
<b>RTS2-F8</b>	<u>SINNEAEL</u> Matthias, <u>DE VLEESCHOUWER</u> David, ZEEDEN Christian, CLAEYS Philippe	Reproducibility in cyclostratigraphy: initiating an intercomparison project
<b>RTS2-F9</b>	<u>FRAU</u> Camille, <u>TENDIL</u> Anthony, MASSE Jean-Pierre, LANTEAUME Cyprien, PICTET Antoine, BULOT Luc G., BORGOMANO Jean, LÉONIDE Philippe, FOURNIER François, MASSONNAT Gérard	Ammonite age-calibration of the Urgonian-type limestones from Provence (SE France) and its bearings on the timing and driving mechanisms of North Tethyan platforms demise
<b>RTS2-F10</b>	<u>THIBAULT</u> Nicolas, MARTINEZ Mathieu	Diachronism of key fossil stratigraphic markers in the Mesozoic: consequences for the geologic time scale and for paleoenvironmental change
<b>RTS2-F11</b>	<u>VALERO</u> Luis	Orbital rhythms in growth strata

## RTS1 Continental trace fossils as tools in stratigraphy and environmental interpretation

### Convenors

Jennifer SCOTT (Mount Royal University Calgary, CAN), Mathieu SCHUSTER (IPG Strasbourg, FRA)

### Poster presentations

<b>RTS1-E19</b>	<u>ABOUESSA</u> Ashour	Contribution of continental and marine trace fossils in identifying subenvironments and discontinuity surfaces: a case study from the Upper Eocene Dur At Talah sequence, Sirt Basin, Libya
<b>RTS1-E20</b>	<u>ABRAHAMS</u> Miengah, BORDY Emese, SCISCIO Lara, KNOLL Fabian	Sedimentological context of Early Jurassic dinosaur tracksites (Elliot Formation, Karoo Supergroup) in the Roma Valley, Lesotho
<b>RTS1-E21</b>	<u>BOURLI</u> Nicolina, MARAVELIS Angelos, ILIOPOULOS George, ZELILIDIS Avraam	Ichnofauna research as a tool for unraveling the paleoclimatology and paleoecology in active continental margins: a case study from the Cenozoic submarine fans of Pindos foreland basin in Achaia, western Greece
<b>RTS1-F1</b>	<u>PARK</u> Jeong Kyu, KIM Hyun Joo, PAIK In Sung	A Preliminary study on the occurrences of vertebrate footprints related with paleoenvironments in the Cretaceous floodplain and lake margin deposits, Gyeongsan city, South Korea
<b>RTS1-F2</b>	<u>SCOTT</u> Jennifer	Lake-margin ichnology as evidence of subaerial exposure, lake-level fluctuations, and stratigraphic packaging in Pliocene to Recent Kenyan rift lakes
<b>RTS1-F3</b>	<u>WETZEL</u> Andreas, SZCZYGIELSKI Agata, UNVERRICHT Daniel, STATTEGGER Karl	Trace fossils recording environmental dynamics of Holocene estuarine incised-valley fill deposits (Red River, Gulf of Tonkin)

**THURSDAY, 12<sup>TH</sup> OCTOBRE**



**MORNING**

	<b>AMPHITHEATRE</b>	<b>CASSIOPÉE</b>	<b>GUILLAUMET 1</b>	<b>GUILLAUMET 2</b>	<b>SPOT</b>	<b>ARGOS</b>		
<b>8:00</b>				<b>Coffee</b>				
<b>8:30</b>			Bajolet et al.	Courtillat et al.	Wilson et al.	Chardon et al.		
<b>8:45</b>	<b>CSp1</b>	<b>SB2</b>	Kebi-Tsoumou et al.	Marchegiano et al.	Ackouala Mfere & Préat	Limonta et al.		
<b>9:00</b>			Le Gall	Perrin & Prestimonaco	Shawwa et al.	Ma et al.		
<b>9:15</b>			Stack et al.	Baby et al.	Manifold et al.	Carretier et al.		
<b>9:30</b>				Ponte et al.	Mallarino et al.	Paredis & Weltje		
<b>9:45</b>				Ward et al.	Chapron et al.	Paleari et al.		
				Newsom et al.	Allen et al.	Andò et al.		
<b>10:00</b>					<b>Coffee Break</b>			
<b>10:30</b>	<b>CSp1</b>	<b>FSD1</b>	Nachon et al.	Cai et al.	Meydan-Aysegul et al.	Tendil et al.	Chanvry et al.	Olaussen & Olaussen
<b>10:45</b>			Campos-Soto et al.	Viola et al.	Sabatier et al.	Grélaud et al.	Zhang X.	Doran et al.
<b>11:00</b>			Donselaar et al.	Durand et al.	Jenny et al.	Bourget et al.	Robinson	Zelilidis et al.
<b>11:15</b>			Ducassou et al.	Kun & Lü	Fouinat et al.	Courgeon et al.	Caracciolo et al.	Louterbach et al.
<b>11:30</b>			Durand et al.	Argentino et al.	Chassiot et al.	Paumard et al.	Qian & Yin	Mallié et al.
<b>11:45</b>			Garlan et al.	Nardini et al.	Bábek et al.	Weij et al.	Henares et al.	Guo et al.
<b>12:00</b>					<b>Lunch Break</b>			
<b>13:00</b>								

## AFTERNOON

	AMPHITHEATRE	CASSIOPÉE	GUILLAUMET 1	GUILLAUMET 2	SPOT	ARGOS					
13:30											
14:00					Invited Keynote: Paul Wignall						
14:30											
14:45											
15:00											
15:15											
15:30											
16:00					Coffee Break						
16:15	Jelby et al.	FSD1	Van Simaeys et al.	Dou et al.	CB1	Corkeron	T1	Ryan	SR4	Rossi & Jacquin	
16:30	Narteau		Larmier et al.	Jorissen et al.		Poty et al.		Lofi et al.		Hamon et al.	
16:45	Ren et al.		Worden	Liu et al.		Bodin et al.		Camerlenghi et al.		Viseras et al.	
17:00	Rubino et al.		Thompson et al.	Rivera-Hernández et al.		Vescogni et al.		Sternai et al.		Deschamps et al.	
17:15	Shao et al.		Ochoa et al.	Waldmann et al.		Borgomano et al.		Popescu et al.		Tagliavento et al.	
17:30	Veiga et al.		Loope et al.	Zhang H.		Jorry et al.		Micallef et al.		Pla-Pueyo et al.	
18:00	Closing Ceremony										
18:30											

**Room: AMPHITHEATRE SAINT EXUPÉRY****Plenary Session****Convenors**

Delphine ROUBY, Elise NARDIN, Markus ARETZ (CNRS, University of Toulouse III - GET, FRA)

**Keynote lecture****13:30-14:30** Paul WIGNALL (University of Leeds)

The Permo-Triassic mass extinction and its aftermath: to hell and back

**CSP1 Open Session on Clastic Sedimentary Processes****Convenors**

Janrik VAN DEN BERG (University of Utrecht, NLD), Thierry MULDER (EPOC Bordeaux, FRA), Laetitia LE DEIT (University of Nantes, FRA), Ralph D. LORENZ (Johns Hopkins University Laurel, USA), Sylvie BOURQUIN (University of Rennes 1, FRA)

**Oral presentations****08:30-08:45**LE GALL Alice**SESSION KEYNOTE:** Sediments on Titan**08:45-09:00**

STACK Kathryn, EDGAR Lauren, EDGETT Ken, FEDO

**09:00-09:15**

Christopher, GROZINGER John, GUPTA Sanjeev, HOUSE

**SESSION KEYNOTE:** The Murray formation of lower Mount Sharp, Gale crater, Mars: a record of an ancient evolving lacustrine system explored by the MSL Curiosity rover**09:15-09:30**

Christopher, HUROWITZ Joel, KAH Linda, RAMPE Elizabeth,

RUBIN David, SCHIEBER Juergen, STEIN Nathan, SUMNER

Dawn

**09:30-09:45**

MANGOLD Nicolas, DEHOUCK Erwin, FORNI Olivier,

FRYDEVANG Jens, L'HARIDON Jonas, LE DEIT Laetitia,

MESLIN Pierre-Yves, MCLENNAN Scott, NEWSOM Horton,

RIVERA-HERNANDEZ Frances, SALVATORE Mark,

GASNAULT Olivier, MAURICE Sylvestre, WIENS Roger

Chemistry of lacustrine mudstones on Mars by the ChemCam instrument onboard the Curiosity rover

<b>09:45-10:00</b>	<u>NEWSOM</u> Horton, <u>EDGETT</u> Kenneth, <u>WIENS</u> Roger, <u>MANGOLD</u> Nicolas, <u>SCHIEBER</u> Juergen, <u>STACK</u> Kathryn, <u>RAPIN</u> William, <u>STEIN</u> Nathan, <u>RIVERA-HERNANDEZ</u> Frances	Imaging and chemical signatures of sandstone cemented by calcium-sulfate, in the Stimson and Murray formation rocks of Gale Crater, Mars
<b>10:30-10:45</b>	<u>NACHON</u> Marion, <u>SUMNER</u> Dawn, <u>ALPERS</u> Charles, <u>CAMPBELL</u> Kate, <u>GRETENBERGER</u> Christen	Diagenetic signatures within acidic lacustrine deposits on Earth - application to Mars
<b>10:45-11:00</b>	<u>CAMPOS-SOTO</u> Sonia, <u>BENITO</u> M. Isabel, <u>MOUNTNEY</u> Nigel P., <u>QUIJADA</u> I. Emma, <u>SUAREZ-GONZALEZ</u> Pablo, <u>COBOS</u> Alberto, <u>MAS</u> Ramón	Unveiling coastal aeolian facies in the Upper Jurassic record of eastern Iberia: new insights from the dinosaur fossil-bearing Villar del Arzobispo Fm (Teruel, E Spain)
<b>11:00-11:15</b>	<u>DONSELAAR</u> Marinus Eric, <u>CUEVAS GOZALO</u> Margarita, <u>WALLINGA</u> Jakob, <u>VAN TOORENENBURG</u> Koen	OSL-based absolute age dating of alluvial ridge formation and associated river avulsion in a Holocene low-gradient dryland-river system: Altiplano Basin, Bolivia
<b>11:15-11:30</b>	<u>DUCASSOU</u> Emmanuelle, <u>LOFI</u> Johanna, <u>BAHR</u> André, <u>HANQUIEZ</u> Vincent, <u>PIERRE</u> Rachel	Mediterranean Outflow Water and contourite depositional systems over the last 1.4 Ma in the Gulf of Cadiz
<b>11:30-11:45</b>	<u>DURAND</u> Marc, <u>BOURQUIN</u> Sylvie, <u>DIEZ FERRER</u> José Bienvenido, <u>SENDER</u> Luis Miguel, <u>VILLANUEVA-AMADOZ</u> Uxue	Was there an Iberian desert during the mid-Cretaceous?
<b>11:45-12:00</b>	<u>GARLAN</u> Thierry, <u>BRENON</u> Emeric, <u>MATHIAS</u> Xavier, <u>GABELOTAUD</u> Isabelle, <u>MARCHES</u> Elodie	The Celtic Sea: a large marine dune field with specific morphologies at the limit of the continental slope
<b>16:15-16:30</b>	<u>JELBY</u> Mads Engholm, <u>GRUNDVÅG</u> Sten-Andreas, <u>HELLAND-HANSEN</u> William, <u>STEMMERIK</u> Lars, <u>OLAUSSEN</u> Snorre	Reconsidering the formation of hummocky cross-stratification
<b>16:30-16:45</b>	<u>NARTEAU</u> Clement	Two independent dune growth mechanisms and their deposits
<b>16:45-17:00</b>	<u>REN</u> Xiaoxu, <u>HOU</u> Jiagen, <u>LIU</u> Yuming, <u>ZHAO</u> Wen	The sedimentology and architectural characteristics of sandy braided river
<b>17:00-17:15</b>	<u>RUBINO</u> Jean-Loup, <u>PARIZE</u> Olivier, <u>BESSON</u> David, <u>LESUEUR</u> Jean-Louis, <u>GUY</u> Laurent, <u>REYNAUD</u> Jean-Yves, <u>SUC</u> Jean-Pierre	Ravinement surfaces and early transgressive deposits: key elements of stratigraphic analysis of transgressive system tracts Examples from the Miocene of SE France
<b>17:15-17:30</b>	<u>SHAO</u> Xinhe, <u>PANG</u> Xiongqi, <u>FUJIE</u> Jiang	Diagenesis in tight sandstones and its influence on reservoir quality : a case study of the Shanxi Formation in the northeastern Ordos Basin, China
<b>17:30-17:45</b>	<u>VEIGA</u> Gonzalo, <u>SCHWARZ</u> Ernesto, <u>ARGÜELLO</u> Scotti Agustín, <u>SPALLETTI</u> Luis	Super bounding surface development in a fluvial-aeolian interaction system: towards a model for flood-generated "Stoke' surfaces"?

CASSIOPEE (Thursday 12<sup>th</sup>)

AMPHITHEATRE (Thursday 12<sup>th</sup>)

Poster presentations		
CSP1-B24	<u>ANSAN Veronique</u> , MANGOLD Nicolas, SALESE Francesco, CARTER John	Stratigraphy, mineralogy, and origin of layered deposits in the northern rim of Hellas basin, Mars
CSP1-B25	<u>AVRAMIDIS Pavlos</u> , FOUNDAS Panagiotis	An Android mobile application for the particle shape determination of coarse sediments in the field
CSP1-B26	<u>AZZAM Alaa</u> , RUBINO Jean-Loup, CAMY-PEYRET Jacqueline, GORINI Christian	Plio-Pleistocene tidal ridges complexes in South China Sea (NW Indonesia) revealed by 3D seismic
CSP1-B27	<u>BOURQUIN Sylvie</u> , OLIVIER Marie, DESAUBLIAUX Guy, DURAND Marc, JOLIVET Marc	Sedimentology and sequence stratigraphy analysis of fluvial and aeolian systems within terrestrial and nearshore environments: novel insight and climate implication
CSP1-B28	<u>ESSAMOUD Rachid</u> , AFENZAR Abdelkerim	Sedimentary analysis and controls on the stratigraphic development of Triassic series of Mohammedia-Benslimane-ElGara-Berrechid basin (Western Meseta, Morocco)
CSP1-B29	<u>GHANDOUR Ibrahim</u> , TAWFIK Hossam, MAEJIMA Wataru, ABDEL-HAMEED Abdelmonem	Sequence and facies architecture of the Lower Cambrian Araba Formation, Taba-Naqab Road, Southeast Sinai, Egypt
CSP1-B30	<u>GRENARD-GRAND Elise</u> , BERNÉ Serge, AGIN Gregory, ALONSO Yoann, BASSETTI Maria-Angela, BOURRIN François, COURP Thierry, DENNIELOU Bernard, GARLAN Thierry, GABELOTAUD Isabelle, LABRUNE Céline, SIMPLET Laure	Global and local forcings on sediment distribution of the SW Gulf of Lion (NW Mediterranean)
CSP1-B31	<u>HE Weiling</u>	Soft sediment deformation structure characteristics and formation mechanism discussion of the Upper Triassic Chang 7 Member in Longdong Area, the Ordos Basin, Central China
CSP1-B32	<u>HU Guangming</u> , WANG Dan, LI Yu	Preliminary research on logging characteristics of paleosol layer
CSP1-B33	<u>KOVÁCS János</u> , ÚJVÁRI Gábor, VARGA György, FARICS Éva, DEZSÖ József, SABOL Martin	Eolian fissure filling sediments of karstified limestones in the Carpathian Basin
CSP1-B34	<u>LE DEIT Laetitia</u> , MANGOLD Nicolas, HAUBER Ernst	The sedimentary rock record of Mars as viewed from the last decade of orbital missions
CSP1-B35	<u>LI Jia</u> , LIN Chengyan	Discussion on the non-permeable barriers or interlayers in a braided river reservoir: a case study of Kongdian oil field in Southern Bohai Bay Basin, China

<b>CSP1-B36</b>	<u>LOFI Johanna</u> , DIAW Abdoulaye, POELCHAU Michael, RILLER Ulrich, MORGAN Joanna, GULICK Sean, LE BER Erwan, 364 Scientists Expedition	Orientation of magmatic dykes and impact-induced faults in the peak ring of the Chicxulub crater inferred from borehole imaging
<b>CSP1-C5</b>	<u>LORENZ Ralph</u>	Titan sediment mechanical properties from radar and penetrometry
<b>CSP1-C6</b>	<u>MULLAKAEV Almaz</u> , KHASANOV Rinat	Sedimentological and epigenetic factors of structural heterogeneity of sands and sandstones of bitumen deposits in the Volga-Ural region of Russia
<b>CSP1-C7</b>	<u>NEHYBA Slavomír</u> , DVOŘÁKOVÁ Marie, PETŘÍK Jan	Fluvial vs eolian origin of Pleistocene/Holocene dunes (South Moravia, Czech Republic)
<b>CSP1-C8</b>	<u>NIMNATE Parisa</u> , CHOOWONG Montri, THITIMAKORN Thanop, HISADA Ken-Ichiro	Sedimentary deposit of meandering paleo-channels on the Mun River floodplain from ERT survey, Khorat Plateau, Northeastern Thailand
<b>CSP1-C9</b>	<u>PONDRELLI Monica</u> , ROSSI Angelo Pio, LE DEIT Laetitia, FUETEN Frank, SCHMIDT Gene, VAN GASSELT Stephan, HAUBER Ernst, POZZOBON Riccardo	Process variability and depositional architecture of the ELDs in the Firsoff south crater (Arabia Terra, Mars)
<b>CSP1-C10</b>	<u>REN Xiaoxu</u> , HOU Jiagen, LIU Yuming, ZHAO Wen, JI Ling, SUN Jian	Depositional evolution laws in small fault basin of Wang guantun oilfield in Huanghua depression
<b>CSP1-C11</b>	<u>ROSSI Valentina</u> , LONGHITANO Sergio, MELLERE Donatella, DALRYMPLE Robert, STEEL Ronald, CHIARELLA Domenico, OLARIU Cornel	Interplay of tidal and fluvial processes along the early Pleistocene Siderno paleostrait margin (Calabria, southern Italy)
<b>CSP1-C12</b>	<u>SUN Zhongqiang</u> , ZHANG Jinliang, LIU Longlong, WANG Ruoshan	Fan delta sedimentary characteristics in Eocene of Nanpu Depression, Bohai bay basin, China
<b>CSP1-C13</b>	<u>TOURKMAN Omayma</u> , CEREPPI Adrian, GALAUP Serge, PIGOT Léa, Mohamed Nuha, ZAROUG Izzeldin, HUSSEIN Rashid	Sedimentology of Bentiu and Aradeiba reservoir formations, Hamra East oil field - Muglad rift basin, Sudan
<b>CSP1-C14</b>	<u>WANG Youwei</u> , STORMS Joep, RAVONI Manuel, MARTINIUS Allard, KARSSENBERG Derek, ABELS Hemmo	Testing the impact of astronomical climate forcing on fluvial architecture in process-based numerical modelling
<b>CSP1-C15</b>	<u>WANG Yuan</u>	Pliocene seismic stratigraphy and deep-water sedimentation in the Qiongdongnan Basin, South China Sea: source-to-sink systems and hydrocarbon accumulation significance
<b>CSP1-C16</b>	<u>WANI Vibhuti</u> , PATIL PILLAI Shilpa, UPASANI Devdutt	Provenance and facies of the Neoproterozoic Badami Group, Kaladgi Basin exposed between Gokak and Belagavi towns of Karnataka, India

## CASSIOPÉE (Thursday 12<sup>th</sup>)

<b>CSP1-C17</b>	KNADE Julius, HAUBER Ernst, PLATZ Thomas, FANARA Lida, <u>LE DEIT Laetitia</u> , KINCH Kjartan	Deltaic sediments in Magong Crater, Mars
<b>CSP1-C18</b>	SCHMIDT Gene, PONDRELLI Monica, SALESE Francesco, FLAHAUT Jessica, ROSSI Angelo	Distribution and stratigraphy of intra-crater deposits in western Arabia Terra, Mars

### Room: CASSIOPÉE

Oral presentations of this session start on Wednesday afternoon (October 11<sup>th</sup>) in GUILLAUMET 2.

#### SB2 Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)

**Convenors** Cécile ROBIN (University of Rennes 1, FRA), Christophe BASILE (ISterre, FRA), Sylvie LEROY (ISTeP, FRA), Tiago ALVES (Cardiff University, GBR), Julien BOURGET (University of Western Australia, AUS)

#### Oral presentations

<b>08:30-08:45</b>	<u>BAJOLET Flora</u> , CHARDON Dominique, ROUBY Delphine, DALL'ASTA Massimo, LOPAREV Artiom, COUEFFE Renaud, ROIG Jean-Yves	Paleogeographic constraints on continental-scale source-to-sink systems: Northern South America and its Atlantic margins
<b>08:45-09:00</b>	<u>KEBI-TSOUМОU Sage Paterne</u> , GUILLOCHEAU François, ROBIN Cécile, BAILLEUL Julien, DELHAYE-PRAT Vincent	The early post-rift incised-valley fills along the eastern margin of the Congo basin (South Atlantic), Aptian Chela Formation
<b>09:00-09:15</b>	<u>BABY Guillaume</u> , GUILLOCHEAU François, ROBIN Cécile, DALL'ASTA Massimo	Post-rift vertical movements of the Southern African margins - implications for the South African plateau uplift
<b>09:15-09:30</b>	<u>PONTE Jean Pierre</u> , ROBIN Cécile, GUILLOCHEAU François, DALL'ASTA Massimo, POPESCU Speranta-Maria, DROZ Laurence, RABINEAU Marina, MOULIN Maryline	The Zambezi sedimentary system: a record of the vertical movements of the Mozambican margin since Cretaceous times
<b>09:30-09:45</b>	<u>WARD Nicholas</u> , ALVES Tiago, BLENKINSOP Tom	Differential compaction on passive margins: controls on the sediment distribution and petroleum systems
<b>09:45-10:00</b>	<u>PAUMARD Victorien</u> , BOURGET Julien, PAYENBERG Tobi, AINSWORTH Bruce, GEORGE Annette, LANG Simon, POSAMENTIER Henry, PEYROT Daniel	Controls on shelf-margin architecture and sediment partitioning during a syn-rift to post-rift transition: insights from the Barrow Group (Northern Carnarvon Basin, North West Shelf, Australia)

**Poster presentations**

<b>SB2-D28</b>	<u>BECKERS Arnaud</u> , <u>HUBERT-Ferrari Aurélia</u> , <u>BECK Christian</u> , <u>SAKELLARIOU Dimitri</u> , <u>TRIPSANAS Efthymios</u> , <u>DE BATIST Marc</u>	Sedimentary infill at the western tip of the Gulf of Corinth during the last 120 ka: Evidence for an acceleration of the subsidence
<b>SB2-D29</b>	<u>BERRA Fabrizio</u> , <u>STUCCHI Eusebio</u> , <u>MORETTI Stefano</u>	Geological reconstruction of the sedimentary succession in the Bonifacio Strait (Corsica-Sardinia, Central Mediterranean Sea): insights from the re-processing of an existing seismic line (CROP line M-2A/I)
<b>SB2-D30</b>	<u>CHEN Si</u> , <u>WANG Hua</u>	Sediment process and flux during shelf-edge clinoform growth since the Late Cenozoic, Qiongdongnan basin margin, Northern South China Sea
<b>SB2-D31</b>	<u>GIRAUT Igor</u> , <u>BASILE Christophe</u> , <u>BERNET Matthias</u> , <u>PAQUETTE Jean-Louis</u> , <u>AGRANIER Arnaud</u> , <u>LONCKE Lies</u> , <u>HEURET Arnauld</u> , <u>POETISI Ewald</u>	Petrography, sedimentology and source provenance of outcropping basement of the Demerara marginal plateau (French Guiana-Surinam): results from DRADEM dredges
<b>SB2-D32</b>	<u>GOSWAMI Suparna</u>	Records of small scale deltaic environments in Jurassic within a continental rift basin: Kota Formation, India
<b>SB2-D33</b>	<u>HOMBERG Catherine</u> , <u>LABORDE Marine</u> , <u>BORDERIE Sandra</u> , <u>SCHNYDER Johann</u> , <u>RAINE Rob</u>	Multi-directional deformation during rift initiation: example of the Triassic basins in the U.K.
<b>SB2-D34</b>	<u>JOLLIVET-CASTELOT Martin</u> , <u>GAULLIER Virginie</u> , <u>PAQUET Fabien</u> , <u>CHANIER Frank</u> , <u>THINON Isabelle</u> , <u>BRIAIS Justine</u> , <u>AVERBUCH Olivier</u>	Seismic stratigraphy of the Dieppe-Hampshire Basin (Eastern English Channel)
<b>SB2-D35</b>	<u>JUN Xie</u> , <u>HUIZHEN Liang</u> , <u>YAJUN Duan</u>	3D-basin modeling of terminal fan deposition - a case study of J Block in Da'an Oilfield
<b>SB2-E10</b>	<u>LIN Changsong</u> , <u>SHI Hesheng</u> , <u>ZHANG Zhongtao</u> , <u>ZHANG Xin</u> , <u>TIAN Hongxun</u> , <u>XING Zuochang</u> , <u>WANG Siqi</u>	Depositional architectures and evolution of inner shelf to shelf margin delta and prodelta fan depositional systems since the Late Oligocene in the Pearl River Mouth Basin, northern South China Sea
<b>SB2-E11</b>	<u>LOPAREV Artiom</u> , <u>ROUBY Delphine</u> , <u>CHARDON Dominique</u> , <u>DALL'ASTA Massimo</u> , <u>GUILLOCHEAU François</u> , <u>ROBIN Cécile</u> , <u>YE Jing</u> , <u>HUYGHE Damien</u> , <u>CASTELLORT Sébastien</u>	Meso-Cenozoic accumulation history of the African margin of the Equatorial Atlantic
<b>SB2-E12</b>	<u>MESTDAGH Thomas</u> , <u>LOBO Francisco J.</u> , <u>LLAVE Estefanía</u> , <u>HERNÁNDEZ-MOLINA Javier</u> , <u>VAN ROOIJ David</u>	New insights into the sequence stratigraphic model of the northern Gulf of Cadiz continental margin through correlation with and integration of IODP Exp. 339 sites U1386 & U1387

## CASSIOPÉE (Thursday 12<sup>th</sup>)

<b>SB2-E13</b>	<u>MOLINA</u> Jose Miguel, NIETO Luis M., REOLID Matías, RODRÍGUEZ-TOVAR Francisco J.	Toarcian facies in the Subbetic (Betic Cordillera, Southern Spain): a synthesis and palaeoenvironmental reconstruction
<b>SB2-E14</b>	<u>MORIO</u> Olivier, GARLAN Thierry, MATHIAS Xavier, GUYOMARD Patrick, LE FAOU Yann, GAUDUIN Hermann, FAVRETTI CRISTINI Nathalie, DESCHAMPS Anne, BEUCLER Eric	A 3D geological model development for seismic wave propagation modelling, in a context of destruction of Second World War bombs (ANR POSA)
<b>SB2-E15</b>	<u>NANAN</u> Gao, LIN Changsong, ERIKSSON Kenneth, ZHANG Zhongtao	Sequence architecture and depositional evolution of Paleogene synrift to Early Post-rift strata in the Baiyun Sag of the Pearl River Mouth basin, South China Sea
<b>SB2-E16</b>	<u>NUTZ</u> Alexis, RAGON Théa, SCHUSTER Mathieu, GHENNE Jean-François, RUBINO Jean-Loup, RUFFET Gilles, BEZ Martine, LESCANNÉ Marc	The Ekitale basin (northern Turkana Depression, EARS, Kenya): an example of micro-basin characterizing the initiation of continental rifting?
<b>SB2-E17</b>	<u>PAUMARD</u> Victorien, BOURGET Julien, PAYENBERG Tobi, AINSWORTH Bruce, GEORGE Annette, LANG Simon, POSAMENTIER Henry, PEYROT Daniel	Controls on shelf-margin architecture and sediment partitioning during a synrift to post-rift transition: insights from the Barrow Group (Northern Carnarvon Basin, North West Shelf, Australia)
<b>SB2-E29</b>	<u>PAUMARD</u> Victorien, BOURGET Julien, PAYENBERG Tobi, AINSWORTH Bruce, LANG Simon, POSAMENTIER Henry, GEORGE Annette	Shelf-margin architecture and shoreline processes at the shelf-edge with controls on sediment partitioning and deep-water deposition style: Insights from 3D quantitative seismic stratigraphy
<b>SB2-E30</b>	<u>QIN</u> Chunyu, WANG Hua, CHEN Weitao	Distinction between forced regressive and highstand/lowstand wedges in Hanjiang Formation of Pearl River Mouth Basin, northern South China Sea
<b>SB2-E31</b>	<u>TALLOBRE</u> Cédric, <u>LONCKE</u> Lies, RANDLA Mirjam, FANGET Anne-Sophie, MARSSET Tania, DROZ Laurence, BAYON Germain, BASSETTI Maria-Angela, GIRESSE Pierre, BUSCAIL Roselyne, Equipe Scientifique Iguanes	Echo-character mapping of a contouritic depositional system on the Demerara marginal plateau
<b>SB2-E32</b>	<u>WEGERER</u> Eva, AUST Nicolai	Clay minerals as geochemical- and facies indicators of an intercratonic rift basin
<b>SB2-F11</b>	<u>YE</u> Lin, WANG Haoyu, WANG Zhenqi	A new scheme for sequence stratigraphic division in deep-water gravity flow depositional system of Miocene in Lower Congo Basin, West Africa
<b>SB2-F12</b>	<u>SIMON</u> Brendan, GUILLOCHEAU François, ROBIN Cécile, DAUTEUIL Olivier, DALL'ASTA Massimo	The Lake Albert Rift (Uganda, East African Rift System): sediment budget, deformation, basin and relief evolution since 17 Ma

## FSD1 Open Session on Fluids/Sediments interactions & Diagenesis

**Convenors** Valérie CHAVAGNAC (CNRS - GET, FRA), Guilhem HOAREAU (University of Pau, FRA), Benjamin BRIGAUD (University of Paris Sud, FRA), Richard WORDEN (University of Liverpool, GBR)

### Oral presentations

10:30-10:45	<u>CAI Chunfang</u> , HU Yongjie, ZHAO Long	Methane-dominated BSR and TSR origins for highly $^{13}\text{C}$ -depleted cap dolostone cements
10:45-11:00	<u>VIOLA Irene</u> , OPPO Davide, CAPOZZI Rossella	Carbon, oxygen and strontium isotopes fingerprints of hydrocarbon-rich fluid in marine sediments authigenic carbonate formation: inferences for the plumbing system
11:00-11:15	DURAND Nicolas, <u>MEHL Caroline</u> , COJAN Isabelle	Evolution of burial and diagenesis in limestone-marl alternations: insights from turbidites, injectites and fractures infill (Blue Marls Formation inferred from SE Basin, France)
11:15-11:30	<u>KUN Chen</u> , LÜ Xiuxiang	Diagenesis of dolomite reservoir in Tazhong area, Tarim basin, China
11:30-11:45	<u>ARGENTINO Claudio</u> , JOHNSON Joel, CONTI Stefano, FIORONI Chiara, FONTANA Daniela	Reconstructing seepage dynamics of a Miocene system through sedimentological and geochemical characterization of authigenic carbonates and host sediments (Corella, northern Apennines, Italy)
11:45-12:00	NARDINI Nicholas, CRUSET David, CANTARERO Irene, MUÑOZ Daniel, <u>TRAVÉ Anna</u>	Fluid evolution during growth of the Sant Corneli-Bóixols-Nargó anticline (Coll de Nargó area, Southern Pyrenees)
16:15-16:30	<u>VAN SIMAEYS Stefaan</u> , RENDALL Ben, LUCIA Jerry, KERANS Charlie, FULLMER Shawn	Facies independent reservoir characterization of a micropore-dominated gas field
16:30-16:45	<u>LARMIER Salomé</u> , ZANELLA Alain, LEJAY Alain, MOURGUES Régis, GELIN François	Distribution of fibrous calcite veins (beef) within source rocks. Case study: Vaca Muerta Formation, Neuquén Basin
16:45-17:00	<u>WORDEN Richard</u>	The effect of oil emplacement on quartz cementation in a deeply buried sandstone reservoir
17:00-17:15	<u>THOMPSON Joanna</u> , HOUGH Edward, WAKEFIELD Oliver, CRIPPS Catherine	Characterising the subsurface: lessons from the Sherwood Sandstone Group, United Kingdom
17:15-17:30	<u>OCHOA María</u> , NET Laura, MCDOUGALL Neil, VICTORIA Marcos, CALDERON Pedro, VAYSSAIRE Andre	An integrated approach to characterization and diagenetic modeling of a Late Ordovician reservoir, Mamuniyat Formation, Murzuq Basin, Libya
17:30-17:45	<u>LOOPE David</u> , SECORD Ross	Interactions of a Palaeocene river, a rising fold, and early-diagenetic concretions

## Poster presentations

<b>FSD1-G7</b>	<u>ARGENTINO Claudio</u> , JOHNSON Joel, CONTI Stefano, FIORONI Chiara, FONTANA Daniela	Miocene sedimentary instabilities associated with methane derived authigenic carbonates: a new case study from the northern Apennines (Palazzuolo outcrops, Italy)
<b>FSD1-G8</b>	<u>BARALE Luca</u> , BERTOK Carlo, D'ATRI ANNA, MARTIRE Luca, MANTOVANI Alizia, BERNASCONI Stefano	Record of hydrothermal fluid circulation in the Mesozoic carbonates of the Adriatic continental palaeomargin (Southalpine Domain; Piemonte Alps, NW Italy)
<b>FSD1-G9</b>	<u>BARRE Guillaume</u> , <u>MICHELS Raymond</u> , STRZERZYNSKI Pierre, TRUCHE Laurent, THOMASSOT Emilie, CARTIGNY Pierre, LORGEOUX Catherine, GUILLOT Stéphane, ASSAYAG Nelly	TSR in its geological framework: case study of the French Alps Carnian evaporites
<b>FSD1-G10</b>	<u>BOJANOWSKI Maciej</u> , BARSKI Marcin, OSZCZYPKO Nestor, OSZCZYPKO-CLOWES Marta, RADZIKOWSKA Magdalena	Widespread methane seepage and slope destabilization in the Silesian basin (Outer Carpathians) induced by gas hydrate dissociation during Oligocene
<b>FSD1-G11</b>	<u>CAU Simone</u> , <u>VIOLA Irene</u> , CAPOZZI Rossella, ROVERI Marco, TAVIANI Marco	Pleistocene-age hydrocarbon-imprinted carbonates in the Northern Apennines (Italy)
<b>FSD1-H1</b>	<u>CHEN Jing</u> , WANG Guiwen, LAI Jin	Control of diagenetic facies on tight oil reservoir pore structure? The Chang 7 Oil Layer in Heshui area of Ordos basin, China
<b>FSD1-H2</b>	<u>CRUSET David</u> , CANTARERO Irene, VERGES Jaume, TRAVE Anna	Fluid-rock relationships during the formation and inversion of an extensional basin (Upper Pedraforca thrust sheet, South Pyrenean fold and thrust belt)
<b>FSD1-H3</b>	<u>DONSELAAR Marinus Eric</u> , Kumar Santosh	Shallow aquifers in meandering-river deposits as the locus for large-scale arsenic poisoning: case study from the Middle Ganges Plain in Bihar, India
<b>FSD1-H4</b>	<u>ESPINOZA Tania</u> , <u>CANTARERO Irene</u> , ESCOSA Frederic, CRUSET David, TRAVÉ Anna	Composition and origin of the cements from the Jumilla Fault: interaction between sub- and suprasalt extensional deformation (Eastern Prebetic Zone, SE Spain)
<b>FSD1-H5</b>	<u>INCERPI Nicolò</u> , Martire Luca, MANATSCHAL Gianreto, BERNASCONI Stefano	Hydrothermal fluids in the Pyrenean hyper-extended rift system: new observations and interpretations from the Chaînons Béarnais (Western Pyrenees)
<b>FSD1-H6</b>	<u>INCERPI Nicolò</u> , MARTIRE Luca, MANATSCHAL Gianreto, BERNASCONI Stefano, GERDES Axel, CZUPPON Gyorgy	Hyper-extension and hydrothermalism: comparison between present-day Iberian distal margin and two fossil analogues
<b>FSD1-H8</b>	<u>LIN Jianli</u> , ZHANG Xianguo, LIN Chengyan, ZHAO Zhongxiang, SUN Xiaolong	The impacts of deposition and diagenesis on sweet spot in tight gas reservoir: an example from Xihu Depression, East China Sea

<b>FSD1-H9</b>	<u>LIU Zihao</u> , WU Shenghe	Quartz cementation mechanisms and predictive distribution of high-quality reservoirs of tight sandstones: evidence from He-8 sandstones of the Sulige gas field in the Ordos Basin, China
<b>FSD1-H10</b>	<u>LUAN Guoqiang</u> , DONG Chunmei, LIN Chengyan, REN Lihua, ZHANG Xianguo	The formation of diagenetic band related to fluid compartments: evidence from the Third Member of the Eocene Shahejie Formation interval, Dongying depression, Bohai Bay Basin, China
<b>FSD1-H11</b>	<u>MA Pengjie</u> , LIN Chengyan, ZHANG Shiqi, DONG Chunmei	Diagenetic history and reservoir quality of tight sandstones: a case study from the upper Permian Shiqianfeng Formation in Dongpu Depression, Bohai Bay Basin, eastern China
<b>FSD1-H12</b>	<u>QUIJADA I. Emma</u> , MANCISIDOR Daniel, MERINO-TOME Oscar, BAHAMONDE Juan R., FERNANDEZ Luis Pedro, GOMEZ-BORREGO Angeles, DELLA PORTA Giovanna, SAMANKASSOU Elias, VALENZUELA Marta, MARTIN-LLANEZA Jaime, DIAZ-GARCIA Iván	Celestite formation as the record of the interaction of Sr-bearing carbonate deposits and hydrocarbon fluids in the Barcaliente Fm (Carboniferous, N Spain)
<b>FSD1-H13</b>	<u>STRICKER Stephan</u>	Under Pressure? Effects of pore fluid pressure on reservoir quality
<b>FSD1-H14</b>	<u>VARKOUIHI Shahab</u> , TOSCA Nick	Biogenic silica diagenesis and anomalous compaction in sedimentary basins
<b>FSD1-I2</b>	<u>WANG Junpeng</u> , ZHANG Ronghu, ZHAO Jilong	The relationship between the sand body configuration of the ultra-deep tight sandstone reservoir and the stable production of gas wells in the Lower Cretaceous, Keshen Gas Field Tarim Basin, China
<b>FSD1-I3</b>	<u>WIRTH Stefanie B.</u> , CARLIER Claire, COCHAND Fabien, HUNKELER Daniel, BRUNNER Philip	Exploring the geological controls on groundwater storage and discharge dynamics in the Swiss alpine foreland
<b>FSD1-I4</b>	<u>WORDEN Richard</u>	Petroleum type controls the temperature of H <sub>2</sub> S generation by thermochemical sulphate reduction (TSR)
<b>FSD1-I5</b>	<u>WORDEN Richard</u>	Halogen elements in sedimentary systems and their evolution during diagenesis
<b>FSD1-I6</b>	<u>XIONG Ping</u> , XIE Xinong, HONG Lu	The geochemical responses of diagenesis and accumulation in the natural gas hydrate occurrences at SH7B Station in Shenhua area, South China Sea
<b>FSD1-I7</b>	<u>YANG Mingyu</u> , FRANK Tracy, FIELDING Christopher	Controls on diagenetic patterns of glaciomarine sandstones in Cape Roberts Project drillcores: implications for Cenozoic climate, burial, tectonic, and hydrologic history of Victoria Land Basin, Antarctica

## Room: GUILLAUMET 1

### PP6 Sedimentology of recent Earth history and human interactions

Convenors	Eric CHAUMILLON (University of La Rochelle, FRA), Brice MOURIER (Ecole nationale de travaux publics de l'Etat de Vaulx en Velin, FRA), Christine PERRIN (MNHN Sete, FRA), Anaëlle SIMONNEAU (ISTO University of Orléans, FRA), Laurence VIDAL (CEREGE Aix Marseille)	
Oral presentations		
08:30-08:45	<u>COURTILLAT Margot</u> , BASSETTI Maria-Angela, CUVEN Stéphanie, ANGUE Minto'o Charlie, ALVAREZ-ZARIKIAN Carlos, TOUCANNE Samuel	Late Pleistocene sedimentary records in the Japan Sea / East Sea: evidences of Asian Loess inputs during the MIS 22 glaciation
08:45-09:00	<u>MARCHEGIANO Marta</u> , FRANCKE Alexander, GLIOZZI Elsa, ARIZTEGUI Daniel	Lake level fluctuations and rainfall variability at Lake Trasimeno (Italy) inferred from ostracod assemblages
09:00-09:15	<u>PERRIN Christine</u> , PRESTIMONACO Laurent	Deciphering paleoclimate signal in complex laminated speleothems from high-altitude cave (La Cigalère, Pyrenees)
09:15-09:30	<u>MALLARINO Gianni</u> , DROXLER Andre, OPDYKE Bradley, DANIELL James, BENTLEY Samuel, PETERSON Larry, DICKENS Gerald, FRANCIS Jason	Last deglacial sedimentary record along the mixed carbonate-siliciclastic modern shelf edge in the Gulf of Papua: response to sea-level rise and climate changes
09:30-09:45	<u>CHAPRON Emmanuel</u> , SIMONNEAU Anaëlle, ZOUZOU Hermann, VAN BEEK Pieter, TACHIKAWA Kazuyo, JOUVE Guillaume, GALOP Didier, TISSOUX Hélène, BARD Edouard	Tracking Holocene environmental changes from lacustrine sediments within hydroelectric dams in Northern Pyrenees
09:45-10:00	<u>ALLEN Deonie</u> , SIMONNEAU Anaëlle, BINET Stephane, GALOP Didier, LE ROUX Gaël	An investigation into Holocene and Anthropocene paleolimnology records to identify driving forces of erosion and runoff in mountainous catchment areas (Pyrenees, France)
10:30-10:45	<u>MEYDAN Aysegul Feray</u> , AKKOL Suna, MEYDAN Ismet, KALUGIN Ivan, GULYUZ Erhan, CAGATAY M. Namik	Late Holocene climate changes of varved sediments of Lake Erçek, Eastern Turkey: a geochemical approach
10:45-11:00	<u>SABATIER Pierre</u> , WILHELM Bruno, FICETOLA Fransesco Gentile, MOIROUX Fanny, POULENARD Jérôme, DEVELLE Anne-Lise, BICHET Adeline, CHEN Wentao, PIGNOL Cécile, REYSS Jean-Louis, GIELLY Ludovic, BAJARD Manon, PERRETTE Yves, MALET Emmanuel, TABERLET Pierre, ARNAUD Fabien	6-kyr record of flood frequency and intensity in the western Mediterranean Alps? interplay of solar and temperature forcing

<b>11:00-11:15</b>	<u>JENNY Jean-Philippe</u> , NUNO Carvalhais, FRANCUS Pierre, KOIRALA Sujan, AHNRENS Bernhard, BAUD Alexandre, GREGORY-EAVES Irene, NOREN Anders	Human societies began to play a significant role in global sediment transfers 3000 years ago
<b>11:15-11:30</b>	FOUINAT Laurent, SABATIER Pierre, DAVID Fernand, MONTET Xavier, SCHOENEICH Philippe, POULENARD Jérôme, ARNAUD Fabien	Long term evolution of wet avalanche in Western Alps under climate and human forcing
<b>11:30-11:45</b>	<u>CHASSIOT Léo</u> , FRANCUS Pierre, DE CONINCK Arnaud, LAJUNESSE Patrick, LABARRE Thibault	An anthropocene record of sediment quality in Quebec City (QC, Canada)
<b>11:45-12:00</b>	<u>BÁBEK Ondřej</u> , ELZNICOVÁ Jitka, GRYGAR Tomáš, KIELAR Ondřej, LENDÁKOVÁ Zuzana, PACINA Jan, RANDRIANOELINA Karen, SEDLÁDEK Jan, STOJDL Jiří	Sediment budget and stratigraphy of dam reservoirs as anthropogenic barriers in river systems: Case studies from small-scale river catchments, Czech Republic

#### Poster presentations

<b>PP6-K1</b>	<u>ÁLVAREZ FERNÁNDEZ María Jesús</u> , FONMTELA Marcos, PEDROSA M. C., ALEJO Irene, NOMBELA Miguel Ángel, QUINTANA Begoña, PÉREZ Fiz, FRANCÉS Guillermo	Dating the Anthropocene in deep-sea sediments: a gamma spectrometric approach
<b>PP6-K2</b>	<u>BAJARD Manon</u> , POULENARD Jérôme, SABATIER Pierre, DEVELLE Anne-Lise, GIGUET-COVEX Charline, JACOB Jérémie, CROUZET Christian, DAVID Fernand, PIGNOL Cécile, ARNAUD Fabien	Progressive and regressive soil evolution phases in the Anthropocene
<b>PP6-K3</b>	<u>BAJARD Manon</u> , POULENARD Jérôme, <u>SABATIER Pierre</u> , ETIENNE David, FICETOLA Francesco Gentile, CHEN Wentao, GIELLY Ludovic, TABERLET Pierre, DEVELLE Anne-Lise, REY Pierre-Jérôme, MOULIN Bernard, DE BEAULIEU Jacques-Louis, ARNAUD Fabien	Long-term changes in alpine pedogenetic processes: effect of millennial agro-pastoralism activities (French-Italian Alps)
<b>PP6-K4</b>	<u>BAUX Noémie</u> , MEAR Yann, POIZOT Emmanuel, MURAT Anne, BERYOUNI Khadija, DAUVIN Jean-Claude	Improving the dumping Octeville site monitoring in a dynamic environment (Bay of Seine, English Channel)
<b>PP6-K5</b>	<u>BECK Christian</u> , FEUILLET Nathalie, MORENO Eva, GOLDFINGER Chris, RATZOV Gueorgui, SAINT-ONGE Guillaume, PATTON Jason	How products of major Late Pleistocene woodfires on Guayana shield (Gran Sabana region) were transported to the Puerto Rico Trench. Data from CASEIS coring campaign
<b>PP6-K6</b>	<u>DELANGHE Doriane</u> , HUM Jean Louis, VÉRON Alain, CLAUDE Christelle, DJAMALI Morteza	Sedimentological and chemical markers of early Human industries and climate shifts in Persepolis (SW Iran) during the Holocene

## GUILLAUMET 1 (Thursday 12<sup>th</sup>)

<b>PP6-K8</b>	<u>EVENSTAR Laura</u> , SPARKS Stephen, COOPER Frances, LAWTON Matthew, ABLAY Giray	Pulsed drying of the Helmand basin, Afghanistan: insights from high-resolution remote sensing of the geomorphology
<b>PP6-K9</b>	<u>GUERRA Lucía</u> , MARTINI Mateo, MUÑOZ Francisco, FLORES Eliseo, PIOVANO Eduardo, ARIZTEGUI Daniel	Limnogeological reconstructions in subtropical South America using high-altitude lake sediments at the Argentinean Eastern Cordillera
<b>PP6-K10</b>	JOUVE Guillaume, VIDAL Laurence, ADALLAL Rachid, CHAPRON Emmanuel, BARD Edouard, BENKADDOUR Abdel, COURP Thierry, DEZILEAU Laurent, HEBERT Bertil, RHOUJJATI Ali, SIMONNEAU Anaëlle, SONZOGNI Corinne, SYLVESTRE Florence, RAPUC William, TACHIKAWA Kazuyo	Recent hydrological variability of the Moroccan Middle-Atlas Mountains inferred from micro-scale sedimentological and geochemical analyses of lake sediments
<b>PP6-K11</b>	<u>LE CALLONNEC Laurence</u> , GAILLOT Stéphane, BELLAVOINE Juliette, PONS Fabien	Stable isotopic approach on mollusk shells to paleoenvironmental reconstitution: study of an urban site: Lyon (France)
<b>PP6-K12</b>	<u>MEYDAN Aysegul Feray</u> , ORCEN Sefer	Recent fluvial input to the Lake Van and its relation to lacustrine sediments; a palaeoclimatological assessment
<b>PP6-K13</b>	PARKER Alexandre, COURTIN-NOMADE Alexandra, BORDAS François, ROBIN Valentin, MALET Emmanuel, FANGET Bernard, PIGNOL Cécile, DEVELLE Anne-Lise, SABATIER Pierre	Contamination records of sediments by heavy metals in a mining-impacted dam
<b>PP6-K14</b>	<u>PERRIN Christine</u> , HONIAT Charlotte	Natural climatic archives in the ECTOPYR project: impact of past climatic fluctuations on the diversity of Pyrenean territories
<b>PP6-L1</b>	RAMBEAU Claire, ANDRIEU-PONEL Valérie, DEMORY François, ALÇICEK Hülya, HELVACI Cahit, LEBATARD Anne-Elizabeth, ROCHETTE Pierre, PERRIN Mireille, NOMADE Sébastien, <u>ALCICEK M. Cihat</u>	Sedimentary history of Lake Acıgöl (SW Turkey): potential for a new long-term Quaternary palaeoclimatic record in Anatolia
<b>PP6-L2</b>	<u>SALHI Sonia</u> , OMAR Hamdi, HAJ MESSAOUD Jihede, CHOKRI Yaïch	Progradation of the exorheic system of Oued Ouadrane, southeast Tunisia: local versus global forcing
<b>PP6-L3</b>	<u>SORREL Philippe</u> , ARGANT Jacqueline, NADIN Ayrton, INGHILLERI Justine, PAUCHARD Philippe, PEYRON Odile, NATON Henri-Georges, BRAEMER Frank, GEYER Bernard	A late Holocene paleoclimate archive from Ayn-al-Zarqa in northern Syria (Northern Levant)
<b>PP6-L4</b>	THIEBAULT Thomas, <u>CHASSIOT Léo</u> , FOUGERE Laëtitia, DESTANDAU Emilie, SIMONNEAU Anaëlle, VAN BEEK Pieter, SOUAUT Marc, CHAPRON Emmanuel	Record of pharmaceutical products in river sediments: a powerful tool to assess the environmental impact of urban management?

<b>PP6-L5</b>	WINIARSKI Thierry, MOURIER Brice, TENA Alvaro, SEIGNEMARTIN Gabrielle, ROUX Gwénaelle, PIÉGAY Hervé	Interactions between regulation works, overbank sediment structures and contamination along the Rhône River channel
<b>PP6-L6</b>	<u>YANG Chupeng</u> , LIU Fang, XIAOHONG Chang, ZEWEN Liao, YAO Yongjian	Provenance of the last glacial sedimentary organic matters from the northeastern South China Sea and its paleoenvironmental indications

### CSP4 Lacustrine depositional systems

**Convenors** Steven ANDREWS (CASP, GBR), Mathieu SCHUSTER (IPG Strasbourg, FRA), Marc De BATIST (Ghent University, BEL), Alexis NUTZ (Århus University, Århus, DNK)

#### Oral presentations

<b>16:15-16:30</b>	<u>DOU Luxing</u> , HOU Jiagen, BAO Zhidong, ZHANG Li	Sedimentary facies characteristics analysis of an ancient lacustrine shallow water delta succession underground: implication for the construction and prediction of distributary channels
<b>16:30-16:45</b>	<u>JORISSEN Elisabeth L.</u> , DE LEEUW Arjan, VAN BAAK Christiaan G. C., MANDIC Oleg, ABELS Hemmo A., STOICA Marius, KRIJGSMAN Wout	Sedimentary architecture of a Pliocene river-dominated delta flowing into the semi-isolated Dacian Basin (Romania)
<b>16:45-17:00</b>	<u>LIU Yugiao</u> , LUO Shunshe, LYU Qiqi, HE Weiling	Controlling factors of lake gravity flow of Chang 7 Member in Ordos Basin, China: Insights from flume tank experiments
<b>17:00-17:15</b>	<u>RIVERA-HERNÀNDEZ Frances</u> , SUMNER Dawn, MACKEY Tyler, HAWES Ian, ANDERSEN Dale	In a PICL: the unique sedimentary facies of perennially ice-covered lakes
<b>17:15-17:30</b>	<u>WALDMANN Nicolas</u> , LARRASOAÑA GOROSQUIETA Juan Cruz, MISCHKE Steffen, AVNI Yoav, GINAT Hanan	New insights into the environmental settings of an Early Pleistocene lacustrine sequence (1.7-1.9 Ma) in southern Israel
<b>17:30-17:45</b>	<u>ZHANG Huiliang</u>	The large braided river deltaic development and stratigraphic architecture in shallow lacustrine - A case study from Bashijiqike Formation of Cretaceous, kuqa depression, Tarim Basin

#### Poster presentations

<b>CSP4-C24</b>	<u>BOMOU Brahim samba</u> , CASTELLANI Christopher, ADATTE Thierry, BRUNSTING Martine, PASSERA Anaïs, GAREL Emilie, HUNEAU Frederic	Lacustrine records in Corsica during the late Holocene, palaeoenvironmental and climatic impact
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## GUILLAUMET 1 (Thursday 12<sup>th</sup>)

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<b>CSP4-C25</b>	<u>FONDEVILLA</u> Víctor, SCARIGLIA Fabio, ANADÓN Pere, GHINASSI Massimiliano, AGNINI Claudia, OMS Oriol	Carbon and oxygen stable isotopes from the Homo-bearing fluvio-lacustrine Aalat section (Pleistocene Dandiero basin, Eritrea)
<b>CSP4-C26</b>	<u>FRISCH</u> Konstantin, VOIGT Silke, VERESTEK Verena, APPEL Erwin, VOIGT Thomas, HELLWIG Alexandra	Tracking water level and evaporation on basin-scale: a detailed facies model for the lacustrine Miocene deposits of the Ili Basin, SE Kazakhstan
<b>CSP4-C27</b>	<u>FU Sheng</u> , LIU Zhen	Sequence subdivision and developing characteristics of low-accommodation nonmarine basin, a case study of Yanchang Formation in the Ordos Basin
<b>CSP4-C28</b>	LIU Guoheng, <u>FU Sheng</u> , LIU Zhen, HUANG Zhilong	Sequence stratigraphy and Quaternary depositional systems in Sanhu area, Qaidam Basin, Northwest China
<b>CSP4-C29</b>	<u>FAN Jizong</u> , WU Shenghe	Reservoir description and the study of residual oil distribution law for Middle S36-10 in Block Pu67
<b>CSP4-C30</b>	KUSTER Andrea, BARON Ludovic, DUPUY David, EGLI Daniel, HERWEGH Marco, ANSELMETTI Flavio	The lacustrine sediments of high-Alpine Totensee (Swiss Alps): a record of postglacial paleoenvironment, hydrothermal activities and neotectonics
<b>CSP4-C31</b>	<u>ZHAO Lei</u> , HOU Jiagen	Application of facies controlled geological modeling method to description of shallow water delta front sub-facies
<b>CSP4-C32</b>	<u>ZHU Liming</u> , XU Xuaimin	The sedimentary characteristics of terminal fans system in 2+3 Of the Upper Second Member of Shahejie Formation, West Pucheng Oilfield, Dongpu Depression in Bohai bay basin
<b>CSP4-C33</b>	<u>LIU Hao</u>	Estimation of palaeo-slope and sediment volume of a lacustrine rift basin: a semi-quantitative study on the southern steep slope of Shijituo Uplift, Bohai Offshore Basin, China
<b>CSP4-C34</b>	<u>LUO Zhouliang</u>	Structure controlling effect on sediment system and its significance to oil exploration in North of Dongpu Depression
<b>CSP4-C35</b>	LYU Qiqi, LUO Shunshe, LIU Yuqiao, FU Jinhua, NIU Xiaobing, XU Liming, FENG Shengbin, LI Shixiang	Types and characteristics of lake deep-water gravity flow hybrid event beds of Chang 7 Formation in Ordos basin, China
<b>CSP4-C36</b>	<u>MEYER Felix Tillman</u> , VIEHBERG Finn, BAHROUN Sonya, WOLF Annabel, IMMENHAUSER Adrian, KWIECIEN Ola	How to make an alkaline lake? ? Lake Van case study
<b>CSP4-D6</b>	NUTZ Alexis, KWIECIEN Ola, DANISCH Jan, BREITENBACH Sebastian, CAI Caijun, KABIRI Lahcen, BODIN Stéphane	Sedimentary evolution of the paleolake Tissint (Anti-Atlas, Morocco): implications for "Feijas" dynamics and climate evolution in Northwest Africa between ca. 75 and ca. 10 ka

<b>CSP4-D7</b>	<u>PISARSKA JAMROZY</u> Małgorzata, <u>VAN LOON</u> Antonius, <u>MLECZAK</u> Mateusz, <u>ROMAN</u> Małgorzata	A glaciolacustrine gravity-flow deposit with enigmatic clasts (Pleistocene, W Poland)
<b>CSP4-D8</b>	<u>QIAN</u> Fang	Research on sedimentary model of modern delta sediment in PoYang Lake
<b>CSP4-D9</b>	<u>SCHUSTER</u> Mathieu, <u>NUTZ</u> Alexis, <u>BOUCHETTE</u> Frédéric, <u>CONTOUX</u> Camille, <u>GHIENNE</u> Jean-François	Wind-driven hydrodynamics and sediment transfers in a large rift lake (Lake Turkana, Kenya)
<b>CSP4-D10</b>	<u>SEDLACEK</u> Jan, <u>SIMICEK</u> Daniel, <u>KIELAR</u> Ondřej	Origin and evolution of modern oxbow lakes along the Odra River, Czech Republic
<b>CSP4-D11</b>	<u>XU</u> Shenmou, <u>ZHU</u> Xiaomin	Gravity flow sedimentary characteristics and the significance of petroleum exploration of TengGeer Formation, BaiYinchagan sag, China
<b>CSP4-D12</b>	<u>SHI</u> Changying, <u>DONG</u> Chunmei, <u>LIN</u> Chengyan, <u>REN</u> Lihua	A new discovery of the Paleogene lacustrine hyperpycnal flow in Dongying Depression
<b>CSP4-D13</b>	<u>SORREL</u> Philippe, <u>PACTON</u> Muriel, <u>OBERHÄNSLI</u> Hedi	Exploring past microbial activity in high altitude lake sediments (lake Son Kul, Central Asia): a novel approach of sedimentary facies analysis
<b>CSP4-D14</b>	<u>SYLVESTRE</u> Florence, <u>WALDMANN</u> Nicolas, <u>SCHUSTER</u> Mathieu, <u>ABDHERAMANE</u> Moussa, <u>FLECKER</u> Rachel, <u>SCHWALB</u> Antje, <u>VOGEL</u> Hendrik, <u>ARIZTEGUI</u> Daniel	Unravelling 10 Ma of environmental and climatic changes in Africa: the Lake Chad Deep Drilling Project (CHADRILL)
<b>CSP4-D15</b>	<u>WALDMANN</u> Nicolas, <u>SYLVESTRE</u> Florence, <u>TEZCAN</u> Devrim, <u>STERN</u> Lee, <u>DESCHEMPS</u> Pierre, <u>TACHIKAWA</u> Kasuyo, <u>DELANGHE</u> Doriane, <u>DO AMARAL</u> Paula, <u>BARD</u> Edouard, <u>THOUVENY</u> Nicolas, <u>GARCIA</u> Marta, <u>MAZUR</u> Jean-Charles, <u>BOUCHEZ</u> Camille, <u>DOUMNANG</u> Jean-Claude, <u>JOUVE</u> Guillaume, <u>BOUT-ROUMAZIELLES</u> Viviane	Holocene environmental reconstructions from south of the Sahara: insights from Lake Chad
<b>CSP4-D16</b>	<u>WANG</u> Xingmeng, <u>JIANG</u> Zhenxue, <u>ZHAO</u> Yingcheng	Shallow water braided river delta deposition and deep reservoir characteristics in Bohai Bay Basin: a case study of Paleogene Sha2 member of Chengbei low step fault block, Huanghua depression, eastern China
<b>CSP4-D17</b>	<u>YU</u> Xinghe, <u>LI</u> Shunli, <u>TAN</u> Chengpeng, <u>LI</u> Shengli	The response of deltaic systems to climatic and hydrological changes in Daihai Lake rift basin, Inner Mongolia, northern China
<b>CSP4-D18</b>	<u>WANG</u> Guiwen, <u>LAI</u> Jin	Utilizing image logs for sedimentary characterization in a braided delta

## Room: GUILLAUMET 2

CB5 Carbonate platforms		
Convenors		Stéphan JORRY (IFREMER, FRA), Julien BOURGET (University of Western Australia, AUS)
Oral presentations		
08:30-08:45	<u>WILSON</u> Moyra, <u>LOCHE</u> Marco, <u>AROSI</u> Hamed	The foundering of carbonate platforms: their sedimentary and geochemical signatures
08:45-09:00	<u>ACKOUALA MFERE</u> Anna Perla, <u>PRÉAT</u> Alain	Facies architecture, paleoenvironments and sequence developments in the Neoproterozoic carbonates of the SCIC Formation (Republic of the Congo)
09:00-09:15	<u>SHAWWA</u> Nabil, <u>CHESNEL</u> Valentin, <u>SEGVÍĆ</u> Branimir, <u>MAKHLOUFI</u> Yasin, <u>MERINO-TOMÉ</u> Óscar, <u>FERNÁNDEZ</u> Luis Pedro, <u>SAMANKASSOU</u> Elias	Linking subaerial exposures to paleoenvironments and paleoclimates: records from the Valdorria carbonate platform, northern Spain
09:15-09:30	<u>MANIFOLD</u> Lucy, <u>HOLLIS</u> Cathy, <u>KORNEVA</u> Irina, <u>ROTEVATN</u> Atle, <u>GAWTHORPE</u> Rob, <u>BURGESS</u> Peter, <u>MASIERO</u> Isabella	Controls on carbonate platform growth within the Lower Carboniferous of the Pennine Basin
09:30-09:45	<u>PEYROTTE</u> Giovan, <u>PEYBERNES</u> Camille, <u>UEDA</u> Hayato, <u>MARTINI</u> Rossana	Upper Triassic limestones from the north end of Japan: new insights on the Panthalassa Ocean and Hokkaido Island
09:45-10:00	<u>VINCENT</u> Benoît, <u>BRIGAUD</u> Benjamin, <u>GAUMET</u> Fabrice	Large-scale prograding oolitic geometries in the Middle Jurassic "Oolithe Blanche" Formation (Paris Basin, France): new insights about their palaeoenvironmental interpretation
10:30-10:45	<u>TENDIL</u> Anthony, <u>LÉONIDE</u> Philippe, <u>FRAU</u> Camille, <u>BORGOMANO</u> Jean, <u>LANTEAUME</u> Cyprien, <u>FOURNIER</u> François, <u>MASSE</u> Jean-Pierre, <u>MASSONNAT</u> Gérard, <u>ROLANDO</u> Jean-Paul	Platform-to-basin transect of the Urgonian Provence carbonate platform (Barremian-Aptian, SE France): new insight into the regional to global mechanisms driving the local stratigraphic architecture
10:45-11:00	<u>GRÉLAUD</u> Carine, <u>RAZIN</u> Philippe, <u>VAHRENKAMP</u> Volker, <u>GROSHENY</u> Danièle, <u>SMITH</u> Taury	Development and infill of the Late Albian to Turonian Shilaif-Natih intrashelf basin at the eastern margin of the Arabian carbonate platform (UAE, Oman)
11:00-11:15	<u>BOURGET</u> Julien, <u>O'LEARy</u> Mick, <u>WEBSTER</u> Jody, <u>ALLAN</u> Tony, <u>WILSON</u> Moyra, <u>JANSON</u> Xavier, <u>BACK</u> Stefan, <u>REUNING</u> Lars, <u>RIERA</u> Rosine, <u>MATONTI</u> Christophe, <u>GEORGE</u> Annette, <u>WILSON</u> Thomas	A 2000 km-long Great Barrier Reef in Western Australia during the Oligo-Miocene: resilience of coral reef systems to long-term environmental changes

<b>11:15-11:30</b>	<u>COURGEON</u> Simon, <u>JORRY</u> JOUETCAMOINBOUDAGHER-FADELBACHELERYRÉVILLONPOLI <td>Development of isolated carbonate platforms in active geodynamic settings: new insights from the Mozambique Channel (SW Indian Ocean)</td>	Development of isolated carbonate platforms in active geodynamic settings: new insights from the Mozambique Channel (SW Indian Ocean)
<b>11:30-11:45</b>	<u>PAUMARD</u> ZUCKMEYERBOICHARDJORRYBOURGETBORGOMANOMAURINFERRY <td>Evolution of Late Oligocene - Early Miocene attached and isolated carbonate platforms in a volcanic ridge context (Maldives type), Yadana field, offshore Myanmar</td>	Evolution of Late Oligocene - Early Miocene attached and isolated carbonate platforms in a volcanic ridge context (Maldives type), Yadana field, offshore Myanmar
<b>11:45-12:00</b>	<u>WEIJ</u> REIJMEREBERLISWART <td>Random link between accommodation space, inner-platform facies distribution and sediment thickness (Holocene-Pleistocene, Bahamas)</td>	Random link between accommodation space, inner-platform facies distribution and sediment thickness (Holocene-Pleistocene, Bahamas)

#### Poster presentations

<b>CB5-D19</b>	<u>ABDELMADJID</u> ASSASSIBOULVAIN <td>Facies analysis and paleoenvironmental interpretation of Aptian carbonates platform (Djebel Debbagh) North East Algeria</td>	Facies analysis and paleoenvironmental interpretation of Aptian carbonates platform (Djebel Debbagh) North East Algeria
<b>CB5-D20</b>	<u>AHSAN</u> MAHMOODREHMANSHAH <td>Margala Hill Limestone - A Ypresian carbonate ramp deposit on the subducting Indian plate margin in Kashmir Basin, NW Lesser Himalayas, Azad Kashmir</td>	Margala Hill Limestone - A Ypresian carbonate ramp deposit on the subducting Indian plate margin in Kashmir Basin, NW Lesser Himalayas, Azad Kashmir
<b>CB5-D21</b>	<u>AL-MOJEL</u> RAZINLE NINDREDERA <td>Sequence stratigraphy and platform evolution of the Shaqra Group Jurassic outcrops and intrashelf Arabian Basin, central Saudi Arabia</td>	Sequence stratigraphy and platform evolution of the Shaqra Group Jurassic outcrops and intrashelf Arabian Basin, central Saudi Arabia
<b>CB5-D22</b>	<u>AROSI</u> WILSON <td>How do thick volcanic and/or volcanioclastic piles overlying platform carbonates influence the dynamics of carbonate-volcanogenic diagenesis?</td>	How do thick volcanic and/or volcanioclastic piles overlying platform carbonates influence the dynamics of carbonate-volcanogenic diagenesis?
<b>CB5-D23</b>	<u>BELKHEDIM</u> JAROWOSKABENHAMOUMUNNECKENEMRASADJI <td>Major control of autogenic processes on peritidal and subtidal cyclicity in lower Pliensbachian -oriental Traras Mountains, Algeria North-West</td>	Major control of autogenic processes on peritidal and subtidal cyclicity in lower Pliensbachian -oriental Traras Mountains, Algeria North-West
<b>CB5-D24</b>	<u>CARMEILLE</u> BOURILLOTBRUNETBARRIERPELLENARDDUPIASSCHNYDERBLANPIEDSIDOROVA <td>Structure and evolution of the Gissar carbonate platform (Uzbekistan): a record of palaeoenvironmental changes in the Northern Tethys margin during the Middle and Late Jurassic</td>	Structure and evolution of the Gissar carbonate platform (Uzbekistan): a record of palaeoenvironmental changes in the Northern Tethys margin during the Middle and Late Jurassic
<b>CB5-D25</b>	<u>CHEN</u> WANGLAI <td>Identification method and application of carbonate deposition microfacies using image logs: a case study from Majiagou Formation of Ordos Basin, North China</td>	Identification method and application of carbonate deposition microfacies using image logs: a case study from Majiagou Formation of Ordos Basin, North China
<b>CB5-D26</b>	<u>COUNTS</u> JORRYJOUET <td>Allochthonous slope and basinal carbonates adjacent to isolated platforms in the Mozambique Channel: stratigraphic architecture, depositional controls, and implications for carbonate facies models</td>	Allochthonous slope and basinal carbonates adjacent to isolated platforms in the Mozambique Channel: stratigraphic architecture, depositional controls, and implications for carbonate facies models

<b>CB5-D27</b>	CRUZ Alberto, SUC Jean-Pierre, REIS A. Tadeu Dos, SILVA Cleverson Guizan, GRANJEON Didier, POPESCU Speranta-Maria, <u>GORINI Christian</u>	Death of a tropical carbonate platform: study case of the carbonate shelf off the Amazon River, Brazilian Equatorial margin
<b>CB5-E1</b>	<u>DUVAL-ARNOULD Aude</u> , SCHRÖDER Stefan, REDFERN Jonathan, BULOT Luc	Mixed siliciclastic and carbonate shelf-margin deposition in the Jurassic Agadir-Essaouira Basin, Morocco: understanding the evolution of the Atlantic margin carbonate platforms
<b>CB5-E2</b>	<u>JOUET Gwenael</u> , JORRY Stephan, LE ROY Pascal, CAMOIN Gilbert, COURGEON Simon, DENNIELOU Bernard, EHRHOLD Axel, GUERIN Charline, PRUNIER Christophe, THEREAU Estelle, ROUBI Angélique	Coral reef responses inferred from imprints of deglacial sea-level changes on carbonate and mixed carbonate/siliciclastic platforms (SW Indian Ocean)
<b>CB5-E3</b>	<u>LE ROY Pascal</u> , JORRY Stephan, JOUET Gwenael, EHRHOLD Axel, MICHEL Guillaume, GAUTIER Valentin, CAMOIN Gilbert	Upper Pleistocene evolution of the South West New Caledonia mixed carbonate rimmed shelf
<b>CB5-E4</b>	<u>LUO Shunshe</u> , ZHANG Yan, DAI Rong, LYU Qiqi, WANG Tongshan, WU Yinye, LONG Yu	Characteristics and evolution of sedimentary facies of Meso-Neoproterozoic in Huainan Area, China
<b>CB5-E5</b>	<u>MA Debo</u> , LI Honghui, TAO Xiaowan	An old remnant carbonate platform margin in Tarim Basin, Northwest China: its geological model and control on reservoir
<b>CB5-E6</b>	<u>Pas Damien</u> , Da Silva Anne-Christine, Poulain Geoffrey, Spassov Simo, Boulvain Frédéric	Magnetic susceptibility records for global stratigraphic correlations? New constraint in the context of carbonate platform reconstruction (Middle Devonian, Ardennes)
<b>CB5-E7</b>	<u>RAZIN Philippe</u> , GRÉLAUD Carine, CHAMPAGNE Julie, VAN BUCHEM Frans, HOMEWOOD Peter, VAHRENKAMP Volker	The Mid-Cretaceous Natih Formation in Oman: a model for carbonate platforms and organic-rich intrashelf basins
<b>CB5-E8</b>	<u>TOURNADOUR Elsa</u> , FOURNIER François, ETIENNE Samuel, COLLOT Julien, MAURIZOT Pierre, LÉONIDE Philippe	The mixed carbonate-siliciclastic system of Népoui (Lower Miocene, New Caledonia): a record of post-obduction vertical motions along the western margin of New Caledonia
<b>CB5-E9</b>	<u>WANG Ruyi</u>	The seismic geomorphological analysis of tidal channels in Cretaceous Mishrif Formation of carbonate platform, Arabian Gulf, Iraq
<b>CB5-E19</b>	<u>YANG Xiaogun</u> , LI Zhong, FAN Tai Liang, GAO Zhiqian	Carbon isotope ( $\delta^{13}\text{C}_{\text{carb}}$ ) stratigraphy of the Early-Middle Ordovician (Tremadocian-Darriwilian) carbonate platform in the Tarim Basin, NW China: Implications for global correlations

## CB1 Open Session on Carbonates & Bioconstructions

**Convenors** Markus ARETZ (University of Toulouse III - GET, FRA), Nicolas OLIVIER (University of Clermont-Ferrand, FRA), Giovanna DELLA'PORTA (University of Milan, ITA), Julien DENAYER (Université de Liège, BEL)

### Oral presentations

16:15-16:30	<u>CORKERON</u> Maree	Stromatolite framework builders of a Cryogenian reef
16:30-16:45	<u>POTY</u> Edouard, DENAYER Julien, MOTTEQUIN Bernard	Development and decease of the so-called Frasnian reefs in the Frasnian of Belgium
16:45-17:00	<u>BODIN</u> Stéphane, BRAME Hannah, ETTINGER Nicholas, VASSEUR Raphaël, KRENCKER Francois-Nicolas, DANISCH Jan, KABIRI Lahcen, LATHUILIÈRE Bernard, MARTINDALE Rowan	Impact of Early Toarcian environmental changes on neritic carbonate productivity and reef development: New insight from the Central High Atlas of Morocco
17:00-17:15	<u>VESCOGNI</u> Alessandro, BOSELLINI Francesca, PAPAZZONI Cesare Andrea	Coral reefs and Cenozoic warming events: case studies from lower Eocene (N. Italy) and middle Miocene (Turkey)
17:15-17:30	<u>BORGOMANO</u> Jean, LANTEAUME Cyprien, LÉONIDE Philippe, FOURNIER François, MONTAGGIONI Lucien, MASSE Jean-Pierre	Questioning sequence stratigraphy concepts and practices in carbonate sedimentary systems: insights from stratigraphic forward models
17:30-17:45	<u>JORRY</u> Stephan, DROXLER André, LE ROY Pascal	Deglacial origin of barrier reefs along low latitude mixed-siliciclastic and carbonate continental shelf edges

### Poster presentations

CB1-E20	<u>ARETZ</u> Markus	Famennian and Mississippian reefs and mounds in western Europe and North Africa
CB1-E21	<u>BAIBATSHA</u> Adilkhan	Lithology and stratigraphy of Devonian-Carboniferous sediments of Bolshoi Karatau as the standards of oil and gas deposits of the Caspian Depression
CB1-E22	<u>BONILLA</u> Oscar, LÓPEZ-HORGUE Mikel A., FERNÁNDEZ-MENDIOLA Pedro A., AGIRREZABALA Luis M., LÖSER Hannes	Upper Aptian "turbid-water" coral bioconstructions: geometry and facies, Laga beach, Basque Country, Spain
CB1-E23	<u>ALBERT-VILLANUEVA</u> Eduard, FERRÀNDEZ-CAÑADELL Carles, BOVER-ARNAL Telm, SALAS Ramon	Larger Foraminifera biostratigraphy of the early Miocene carbonate platforms of the Falcón Basin (NW Venezuela)

## GUILLAUMET 2 (Thursday 12<sup>th</sup>)

<b>CB1-E24</b>	<u>DENAYER Julien</u>	Rolling reefs in the Late Devonian of Belgium
<b>CB1-E25</b>	<u>FERRY Serge</u>	Grow faults affecting geometry and sequence stratigraphic record on a carbonate platform edge: South Vercors Urgonian platform, France
<b>CB1-E26</b>	<u>HAMD Jihad</u> , CEREPY Adrian, SWENNEN Rudy, LOISY Corinne	Tectonic and sedimentary evolution of the platform-Ionian basin in the Upper Cretaceous in Albania
<b>CB1-E27</b>	<u>KIANI HARCHEGANI Farkhondeh</u> , MORSILLI Michele	Carbonate facies distribution of the Upper Jurassic- Lower Cretaceous Monte Sacro Limestone in Monte di Mezzo, Gargano Promontory, southern Italy
<b>CB1-E28</b>	<u>KORALAY Tamer</u> , ÖZKUL Mehmet	Geochemical and C-O isotopic signature of Thiouna antique marbles (Denizli – SW Turkey)
<b>CB1-F1</b>	<u>LASSEUR Eric</u> , SAIAG Jessica, PAQUET Fabien, CALINE Bruno, COLLIN Pierre-Yves	Fossil contourites carbonate deposits in the chalk of the Paris basin Northern France, combined biogenic and contour currents control
<b>CB1-F2</b>	<u>MOUCHI Vincent</u> , GODBILLOT Camille, VERRECCHIA Eric, Ulyanov Alexey, Forest Vianney, Lartaud Franck, DE RAFELIS Marc, EMMANUEL Laurent	Trace and rare earth elements in bivalve shells: sourcing archaeological shells from unknown locations
<b>CB1-F3</b>	<u>PELLAN Cédric</u> , FONTANELLI Laurent, ZEN Devi, LEON CARRERA Maria Fernanda, MACHIN PALACIOS Javier	4D stratigraphic modeling of a Tertiary carbonate system
<b>CB1-F4</b>	<u>SOLÉ Francesc Xavier</u> , POYATOS-MORÉ Miquel	Facies and stratigraphic analysis of reef-delta interactions during the end of the exorheism in the NE Ebro Basin (Spain)
<b>CB1-F5</b>	<u>SEQUERO Cristina</u> , AURELL Marcos, BÁDENAS Beatriz	Facies mosaic distribution of an Upper Jurassic shallow carbonate ramp revealed after extensive field work analysis (Higueruelas Fm., NE Spain)
<b>CB1-F6</b>	<u>VAL Jorge</u> , AURELL Marcos, BÁDENAS Beatriz	Ricla Member: a prograding sand-shoal complex influenced by high-frequency sea-level changes (Kimmeridgian, Iberian Basin)
<b>CB1-F7</b>	<u>VISHNEVSKAIA Irina</u> , LETNIKOVA Elena, PROSHENKIN Artem, SOLOSHENKO Natalia	Ediacaran sediments of Siberian platform: Vorogovka Group
<b>CB1-F8</b>	<u>JIN Xiuju</u>	Development characteristics and exploration potential of "multi-stage & multi-row" Reef reservoir in Changxing formation of Puguang exploration area
<b>CB1-F9</b>	<u>YOU Zhang</u> , ZHANG Junlong, ZHENG Xingping	Coupling relationship between grain beach dolomite reservoir and sea-level fluctuation, a case study from Ordovician reservoirs of Gucheng uplift in Tarim basin, NW China
<b>CB1-F10</b>	<u>ZHANG Manli</u> , LIN Changsong, WANG Yuan, WANG Qinglong	Depositional evolution of the Early Carboniferous carbonate platform and development of favorable reservoirs in the Chu-Sarysu Basin, Kazakhstan

## Room: SPOT

### CSP3 Quantitative analysis of sediment generation, provenance, and diagenesis: keys to reconstruction of Earth-surface processes and reservoir-quality prediction

**Convenors** Luca CARACCIOLI (FAU University Nürnberg-Erlangen, DEU), Gert Jan WELTJE (University of Leuven, BEL), Eduardo GARZANTI (University of Milan-Bicocca, ITA), Bill HEINS (ExxonMobil Houston, USA)

#### Oral presentations

08:30-08:45	<u>CHARDON Dominique</u> , HUYGHE Damien, ROUBY Delphine	Regolith delivery to the sediment routing system
08:45-09:00	<u>LIMONTA Mara</u> , GARZANTI Eduardo, LIANG Wendong, RESENTINI Alberto	Sand generation in the Tibetan reaches of the Indus rivers (Western Himalaya)
09:00-09:15	<u>CARRETIER Sébastien</u> , GODDÉRIS Yves, REICH Martin	A modelling approach coupling landscape and basin evolutions with tracers from sources to sinks
09:15-09:30	<u>PAREDIS Bram</u> , WELTJE Gert Jan	Numerical modelling of sediment generation: a modular approach
09:30-09:45	<u>PALEARI Chiara Ileana</u> , ANDÒ Sergio, DELMONTE Barbara, Maggi Valter, GARZANTI Eduardo	Raman spectroscopy, a breakthrough for provenance study of dust (1-5 µm): dome B ice core, East Antarctica
09:45-10:00	<u>ANDÒ Sergio</u> , PALEARI Chiara Ileana, GARZANTI Eduardo	Innovative & classical methods for the study of mineralogy of turbidites in ongoing and future IODP expeditions
10:30-10:45	<u>CHANVRY Emmanuelle</u> , GARCIA Daniel, JOSEPH Philippe, DESCHAMPS Rémy, TEINTURIER Stéphane	Mineralogical distributions and their controlling factors in the Graus-Tremp-Ainsa Basin during Lower Eocene times
10:45-11:00	<u>ZHANG Xianlong</u>	Types and characteristics of sand body in multi-hydrodynamic action depositional System, a case study from Silurian of Tazhong uplift in Tarim basin, NW China
11:00-11:15	<u>ROBINSON Steven</u>	If crustal ages vary with depth, zircon age-frequency may be more a function of tectonics (erosional downcutting) than of provenance
11:15-11:30	<u>CARACCIOLI Luca</u> , ANDÒ Sergio, VEERMESCH Pieter, BARBARANO Marta, GARZANTI Eduardo, MCCABE Ross, PEARCE Timothy	Petrography and provenance of silt. An example from the Mesozoic Mandawa basin (Tanzania)
11:30-11:45	<u>QIAN Wendao</u> , YIN Taiju	The numerical simulation of clastic diagenesis based on deposition process and reservoir prediction: an example from the Paleogene lake sediment sandstone in China

## SPOT (Thursday 12<sup>th</sup>)

<b>11:45-12:00</b>	<u>HENARES</u> Saturnina, <u>WELTJE</u> Gert Jan, <u>BLOEMSMA</u> Menno, <u>DONSELAAR</u> Rick	Integrated core analysis: automated mapping of diagenetic anomalies and provenance changes for reservoir-quality assessment
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### Poster presentations

<b>CSP3-B19</b>	<u>ÄRLEBRAND</u> Angelica, <u>AUGUSTSSON</u> Carita, <u>ESCALONA</u> Alejandro	Depositional setting and diagenesis as keys to reservoir quality: Lower Cretaceous in the southwest Barents Sea
<b>CSP3-B20</b>	<u>ARRIBAS</u> Jose, <u>HERRERO</u> María J., <u>OCHOA</u> María, <u>OMODEO-SALÉ</u> Silvia, <u>ESCAVY</u> José I.	Early and late surficial kaolinite cements: constraints in a palaeo petroleum system, Cameros Basin, Spain
<b>CSP3-B21</b>	<u>BONNE</u> Katheljine, <u>CARACCIOLI</u> Luca	Prediction of volumetric data and reservoir properties of clastic sediments of the Mozambique margins, from sediment source to sink reconstruction using an empirical model and analogues
<b>CSP3-B22</b>	<u>CHANG</u> Tae Soo, <u>HA</u> Hun Jun, <u>HA</u> Ho Kyung	Using end-member modeling analysis to reveal sediment provenance and transport processes of the Heuksan mud belt on tide-dominated shelf, southwestern Korea
<b>CSP3-B23</b>	<u>CHANVRY</u> Emmanuelle, <u>PONTE</u> Jean Pierre, <u>BABY</u> Guillaume, <u>DALL'ASTA</u> Massimo, <u>ROBIN</u> Cécile, <u>GUILLOCHEAU</u> François, <u>FERRY</u> Jean-Noël	Impact of hinterland evolution in mineralogy of clastics sediments: presentation of a new project focus on the Mozambique Margin during Meso-Cenozoic times
<b>CSP3-C1</b>	<u>CHATTERJEE</u> Anirban, <u>RAY</u> Jyotiranjan	Geochemical evidence for a Holocene Saraswati river and its role in the evolution of the Harappan civilisation
<b>CSP3-C2</b>	<u>CHOI</u> Taejin, <u>LEE</u> Yong Il	Provenance of the Upper Paleozoic Taean Formation in the western Gyeonggi Massif, central western Korea and its paleogeographic implications
<b>CSP3-C3</b>	<u>FONTANA</u> Daniela, <u>AMOROSO</u> Sara, <u>MINARELLI</u> Luca, <u>MARCHETTI DORI</u> Simona, <u>STEFANI</u> Marco	Source layer identification of liquefied sands ejected during the blast-induced liquefaction test at Mirabello (Ferrara, Italy) through a quantitative compositional study
<b>CSP3-C4</b>	<u>LIEBERMANN</u> Christof, <u>GOUGH</u> Amy, <u>HALL</u> Robert	Provenance of sediments from Sumatra, Indonesia
<b>CSP3-C19</b>	<u>LIU</u> Kuiwu	Diagenesis of the siliciclastic Permian Ecca Group sandstone
<b>CSP3-C20</b>	<u>MENG</u> Xiao	Reservoir characteristics and evaluation of tight sandstone oil reservoir in Chang7-Chang8 member of Jinghe oilfield
<b>CSP3-C21</b>	<u>MENG</u> Xiao	Diagenesis and reservoir quality of the Yanchang Formation tight sandstone in Binchang area, China

<b>CSP3-C22</b>	<u>PANTOPOULOS George</u> , MCARTHUR Adam, KNELLER Ben, DE ROS Luiz Fernando, KUCHLE Juliano	Density sorting of siliciclastic and organic particles in a confined deep-marine mini-basin (Peïra Cava, SE France): implications for flow hydrodynamics and reservoir quality
<b>CSP3-C23</b>	<u>REN Xiaoxu</u> , HOU Jiagen, LIU Yuming, ZHAO Wen, JI Ling, SUN Jian	Distribution characteristics of oil sandstone and main controlling factors in Wangguantun oilfield
<b>CSP3-D1</b>	<u>SUN Haitao</u> , ZHONG Dakang	Porosity and diagenetic heterogeneity of turbidite sandbody in Shahejie Formation, Bohai Bay Basin, China and implications
<b>CSP3-D2</b>	<u>TEGLE Kristina</u> , RAVNÅS Rodmar, AUGUSTSSON Carita, ANDERSEN Tom	Provenance of the Upper Cretaceous Lange-Lysing deep-marine sandstone in the Norwegian Sea: with implications for reservoir quality
<b>CSP3-D3</b>	<u>WANG Wurong</u> , YUE Dali, XU Huaimin, LU Fengming, MENG Lixin	The reservoir modeling method of combination frequency-divided inversion with cokriging and its application
<b>CSP3-D4</b>	<u>WANG Yang</u> , LIU Luofu, LI Shutong	The forming mechanism and process of tight oil sand reservoirs: a case study of Chang 8 oil layers of the Upper Triassic Yanchang Formation in the western Jiyuan area of the Ordos Basin, China
<b>CSP3-D5</b>	<u>ZIMMERMANN Sebastian</u> , HAUGHTON Peter, TYRRELL Shane	Tracing sand provenance - resilience of provenance signals in the subsurface

### T1 Understanding salt giants and their geological, geochemical and biological impacts

**Chairman** Vanni ALOISI (CNRS Paris, FRA), Judith MCKENZIE (ETH Zurich, AUT), Virginie GAULLIER (UMR LOG 8187 CNRS-Lille1-ULCO, FRA), Daniel GARCIA-CASTELLANOS (ICTJA-CSIC Barcelona, ESP)

#### Oral presentations

<b>16:15-16:30</b>	<u>RYAN William</u>	Using the Messinian Salt Giant as a template for earlier salt giants
<b>16:30-16:45</b>	<u>LOFI Johanna</u> , CAMERLENGHI Angelo, MADOF Andrew, MAILLARD Agnès, RYAN William	The Messinian Salinity Crisis scenarios: what offshore seismic records tell us
<b>16:45-17:00</b>	<u>CAMERLENGHI Angelo</u> , DEL BEN Anna, FORLIN Edy, GELETTI Riccardo, MOCNIK Arianna, SAULE Marco	Seismic imaging of Messinian Evaporites in the Ionian Basin

## SPOT (Thursday 12<sup>th</sup>)

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<b>17:00-17:15</b>	<u>STERNAI Pietro</u> , CARICCHI Luca, GARCIA-CASTELLANOS Daniel, JOLIVET Laurent, SHELDRAKE Thomas, Sébastien CASTELL TORT	Magmatic pulse driven by sea-level changes associated with the Messinian salinity crisis
<b>17:15-17:30</b>	<u>POPESCU Speranta-Maria</u> , SUC Jean-Pierre, BARHOUN Nadia, MELINTE-DOBRINESCU Mihaela-Carmen, BASSETTI Maria-Angela, HEAD Martin, GORINI Christian, DO COUTO Damien, RUBINO Jean-Loup	The micropaleontological signature of the end of the Messinian Salinity Crisis in the central Mediterranean basins: Paleogeographic inferences
<b>17:30-17:45</b>	<u>MICALLEF Aaron</u> , CAMERLENGHI Angelo, CUNARRO OTERO Daniel, GARCIA-CASTELLANOS Daniel, GUTSCHER Marc-André, BARRECA Giovanni, SPATOLA Daniele, GELETTI Riccardo, FACCHIN Lorenzo	Passage of the Zanclean flood to the east Mediterranean Sea

### Poster presentations

<b>T1-A29</b>	<u>EL KILANY Aida</u> , CARUSO Antonio, DADONE Miriam, DELA Pierre Francesco, NATALICCHIO Marcello, PECKMANN Jörn, ROUCHY Jean-Marie, ALOISI Giovanni	An active biogeochemical sulphur cycle in the marginal basins of the Mediterranean Sea during the Mediterranean Salinity Crisis
<b>T1-A30</b>	<u>ALOISI Giovanni</u> , CAMERLENGHI Angelo, GARCIA-CASTELLANOS Daniel, GAULLIER Virginie, GVIRTZMAN Zohar, HERRAN Nestor, LOFI Johanna, MARIN MORENO Hector, MCGENITY Terry, MEIJER Paul, PECKMANN Jörn, PEZARD Philippe, SIERO Francisco-Javier, VERDEIL Eric	SALTGIANT: a European Training Network dedicated to Understanding the Mediterranean Salt Giant
<b>T1-A31</b>	<u>GARCIA-CASTELLANOS Daniel</u> , PERIÁÑEZ Raúl, ABRIL J.m., MICALLEF Aaron, CAMERLENGHI Angelo, ESTRADA Ferran	A fast refill of the Mediterranean after the Messinian salinity crisis? Looking for independent evidence.
<b>T1-A32</b>	<u>GAULLIER Virginie</u> , LYMER Gaël, LOFI Johanna, MAILLARD Agnès, THINON Isabelle, SAGE Françoise, CHANIER Frank, VENDEVILLE Bruno	The Western Tyrrhenian Sea revisited: a new status for the Eastern Sardinian Margin during the Messinian Salinity Crisis
<b>T1-A33</b>	<u>GAULLIER Virginie</u> , VENDEVILLE Bruno, BESÈME Gaétan, LEGOUX Grégoire, DEVERCHÈRE Jacques, LYMER Gaël	Gravity-driven salt tectonics above a rising basement plateau offshore Algeria
<b>T1-A34</b>	<u>GAULLIER Virginie</u> , LYMER Gaël, VENDEVILLE Bruno, CHANIER Frank	Salt tectonics on the Eastern Sardinian Margin (Western Tyrrhenian Sea): A proxy to reveal recent post-rift crustal tectonics
<b>T1-A35</b>	<u>GIBERT Luis</u> , GARCÍA-VEIGAS Javier, JESÚS Soria, HUGO Corbí, PERAL Juan, ARTIAGA David, CRUSET David	Marine to continental evaporitic units of the Betic corridor and the initiation of the Messinian Salinity Crisis

<b>T1-A36</b>	<u>LOFI Johanna</u> , CAMERLENGHI Angelo, ALOISI Giovanni, MAILLARD Agnès, GARCIA-CASTELLANOS Daniel, HUEBSCHER Christian, KURODA Junichiro, Co-Proponents Team Dream	The "DREAM" IODP project to drill the Mediterranean Salt Giant on the Balearic Promontory
<b>T1-B11</b>	<u>MC KENZIE Judith A.</u> , EVANS Nick, HODELL David, ALOISI Giovanni, VASCONCELOS Crisogono	Upward migration of unusual Mg-SO <sub>4</sub> bearing fluids from underlying Messinian Salt Giant: An example of on-going subsurface diagenetic alteration of earliest Pliocene/latest Miocene sediments at DSDP Leg 42A, Site 374, Ionian Abyssal Plain
<b>T1-B12</b>	<u>NATALICCHIO Marcello</u> , BIRGEL Daniel, PECKMANN Jörn, LIU Xiaolei, HINRICHES Kai-Uwe, DELA Pierre Francesco	TEX86-based seawater paleotemperature estimates across the onset of the Messinian salinity crisis
<b>T1-B13</b>	<u>PELLEN Romain</u> , POPESCU Speranta-Maria, SUC Jean-Pierre, RABINEAU Marina, MELINTE-DOBRINESCU Mihaela-Carmen, ASLANIAN Daniel, RUBINO Jean-Loup, LOGET Nicolas, CAVAZZA William	The Apennine foredeep (Italy): a perched isolated basin during the Messinian Salinity Crisis.
<b>T1-B14</b>	<u>PICHAT Alexandre</u> , HOAREAU Guilhem, LEGEAY Etienne, LOPEZ Michel, BONNEL Cédric, CALLOT Jean-Paul, RINGENBACH Jean-Claude	Transition from marine deep slope deposits to evaporitic facies of an isolated foreland basin: case study of the Sivas Basin (Turkey)
<b>T1-B15</b>	<u>QUIJADA I. Emma</u> , DÍAZ-GARCÍA Iván, MERINO-TOMÉ Oscar, BAHAMONDE Juan R., FERNÁNDEZ Luis Pedro, DELLA PORTA Giovanna, Samankassou Elias, ORTÍ Federico, FERNÁNDEZ-LOZANO Javier, GUTIÉRREZ-ALONSO Gabriel, VALENZUELA Marta, MARTÍN-LLANEZA Jaime	Evaporite deposits and intraclastic breccias in the remnant of the Rheic Ocean during the mid-Carboniferous boundary (Barcaliente Fm, Cantabrian Zone, NW Spain)
<b>T1-B16</b>	<u>RUBINO Jean-Loup</u> , MIRZAYEV Rufat, KAMALOV Kamal, MOULY Benoit, RIBOT François	The Upper Surakhany Formation, a strong Upper Pliocene desiccation phase compared to the Messinian Salinity Crisis in southern Caspian Sea
<b>T1-B17</b>	<u>THOMAS Camille</u> , GROSSI Vincent, IONESCU Danny, ARIZTEGUI Daniel	The Dead Sea subsurface biosphere as analog of microbial activity in salt giant deposits
<b>T1-B18</b>	<u>VAN DEN BELT Frank</u> , DE BOER Poppe	Towards an integrated depositional model for salt giants

## Room: ARGOS

### FSD4 Clay mineral controls on pore-scale reservoir quality of clastic systems

**Convenors** Sanem ACIKALIN (Newcastle University, GBR), Stuart JONES (Durham University, GBR), Susanne GIER (Vienna University, AUT), Philip MILLSTEAD (Centrica Norge, NOR), Joshua GRIFFITHS (Liverpool University, GBR)

#### Oral presentations

08:30-08:45	<u>WILKINSON</u> Mark	Does the thickening of illite crystals control the formation of secondary porosity in oilfield sandstones?
08:45-09:00	<u>MA Pengjie</u> , LIN Chengyan, ZHANG Shiqi, DONG Chunmei	Formation processes of chlorite rims and impact of pore-lining chlorite on reservoir quality: a case study from Shiqianfeng sandstones in upper Permian of Dongpu Depression, Bohai Bay Basin, eastern China
09:00-09:15	<u>STRICKER</u> Stephan	Diagenesis on the edge - Clay mineral coats and quartz overgrowth
09:15-09:30	<u>VIROLLE</u> Maxime, BRIGAUD Benjamin, FENIES Hugues, BOURILLOT Raphaël, PATRIER Patricia, BEAUFORT Daniel, PORTIER Eric	Origin and spatial distribution of sand grain coats in shallow marine clastic deposits: Insights from a modern estuarine reservoir analogue (Gironde estuary, France)
09:30-09:45	<u>VERHAGEN</u> Iris T. E., CRISOSTOMO FIGUEROA Adriana, NOEL Michael E., DEN HARTOG Sabine A. M.	The durability of detrital grain-coating clays and the implications for reservoir quality
09:45-10:00	<u>NET</u> Laura, OCHOA María, BAUDINO Roger, TOCCO Rafael, FRANQUES-FAIXA Jordi, PITA Juan Pablo, GARCIA FERNANDEZ Valderrama David, MOSS Corey, FRANCO Alejandro	The Coniacian-Santonian unconformity in offshore West Africa: characteristics and impact on reservoir quality

#### Poster presentations

<b>FSD4-I8</b>	ACIKALIN Sanem, MCGHEE Claire, HAGE Sophie, AZPIROZ Maria, CARTIGNY Matthieu, CLARE Michael, HIZZET Jamie, HUGHES Clarke John, HUNT James, LINTERN Gwyn, PARSONS Daniel, STACEY Cooper, SUMNER Esther, TALLING Peter, VELLINGA Age	Detrital clay mineral distribution throughout a modern turbidite system
	TRIGOS Laura, HERRERO María J., OCHOA María, ARRIBAS Jose	Reservoir quality of Ordovician sandstones from the Illizi Basin, Algeria: the role of illite cements

<b>FSD4-I10</b>	<u>BEN ALAYA</u> Sonia, <u>BEN REGUIGA</u> Mohamed Sghaier	Clays distribution and reservoir quality of Ordovician sandstones in South Tunisia
<b>FSD4-I11</b>	<u>BOTTIG</u> Magdalena, <u>GIER</u> JILG Wolfdietrich	Porosity and permeability-reduction by clay mineral authigenesis in an underground gas storage field, North Alpine foreland basin, Austria
<b>FSD4-I12</b>	<u>GRIFFITHS</u> Joshua, <u>WORDEN</u> Richard, <u>DULLER</u> Robert, <u>UTLEY</u> James, <u>WOOLDRIDGE</u> Luke	Estuarine clay mineral distribution: modern Holocene analogue for reservoir quality prediction
<b>FSD4-I13</b>	<u>LAI</u> Jin, <u>WANG</u> Guiwen	Diagenesis controls on reservoir quality in tight oil sandstones
<b>FSD4-I14</b>	<u>OYE</u> Olakunle, <u>APLIN</u> Andrew, <u>JONES</u> Stuart, <u>GLUYAS</u> Jon, <u>BOWEN</u> Leon, <u>ORLAND</u> Ian, <u>VALLEY</u> John	Vertical effective stress influences quartz cementation in sandstones - Myth or reality?
<b>FSD4-J1</b>	<u>PSZONKA</u> Joanna, <u>GÖTZE</u> Jens	"No information - good information"? viz how to make Nomarski DIC microscopy into an estimate of interstitial clays in sandstones
<b>FSD4-J2</b>	<u>RAVIER</u> Edouard, <u>BUONCRISTIANI</u> Jean-François, <u>MOURGES</u> Regis, <u>PORTIER</u> Éric	Fluid overpressure impacts on clay remobilisation: natural examples, analog modelling and reservoir implications
<b>FSD4-J3</b>	<u>ROIGE</u> Marta, <u>GÓMEZ-GRAS</u> David, <u>CAJA</u> Miguel Ángel, <u>REMACHA</u> Eduard, <u>GÉRARD</u> Jean, <u>BOYA</u> Salvador	Reservoir quality of turbidite sandstones: lessons learned from petrographic analyses and facies classification of outcrop samples taken from proximal immature channel fills to distal lobes
<b>FSD4-J4</b>	<u>SUN</u> Xiaolong, <u>LIN</u> Chengyan, <u>ZHANG</u> Xianguo, <u>LIN</u> Jianli, <u>ZHAO</u> Zhongxiang, <u>MA</u> Cunfei	Types and distributions of clays and the effect on quality in low-permeability clastic reservoirs
<b>FSD4-J5</b>	<u>TAGLIAVENTO</u> Mattia, <u>STEMMERIK</u> Lars	Influence of clay on chalk diagenesis
<b>FSD4-J6</b>	<u>WEI</u> Wang	Microscopic pore throat characteristics of gravity flow sandstone reservoirs of Yingcheng formation in Longfengshan subsag, China
<b>FSD4-I1</b>	<u>WOOLDRIDGE</u> Luke, <u>WORDEN</u> Richard, <u>GRIFFITHS</u> Joshua, <u>UTLEY</u> James, <u>THOMPSON</u> Anu, <u>DULLER</u> Robert	The origin and distribution of clay coated sand grains in a Holocene marginal marine fill succession

### SR3 Frontier basins, new exploration plays and energy storage

**Convenors** Vincent DELHAYE-PRAT (TOTAL, FRA), Mélanie LOUTERBACH (REPSOL Madrid, ESP), Emmanuel PETTINOTTI (OPHIR Energy London, GBR), Julien BAILLEUL (Unilasalle, FRA), Massimo ROSSI (ENI, ITA)

### Oral presentations

**10:30-10:45** OLAUSSEN Snorre, OLAUSSEN Snorre Play concepts of the Upper Palaeozoic and Mesozoic successions in the Greater Barents Sea based on key sequence stratigraphic surfaces

## ARGOS (Thursday 12<sup>th</sup>)

<b>10:45-11:00</b>	DORAN Helen, NORTON Mike, <u>PETTINOTTI Emmanuel</u>	"A little bit, but not a lot": how to unravel the exploration potential of margins with very variable magmatic budgets
<b>11:00-11:15</b>	<u>ZELILIDIS Avraam</u> , VASSILIOU Anthony, MARAVELIS Angelos	An overview of the Petroleum systems in Greece: from offshore Apulian Platform - Mediterranean Ridge - NW Aegean Sea, to onshore Ionian and Mesohellenic basins. Strategic planning of the industry's development in Greece
<b>11:15-11:30</b>	<u>LOUTERBACH Mélanie</u> , FERNANDEZ Oscar, SISINNI Valeria, GUTIERREZ Manuel, ZAMORA VALCARCE Gonzalo	Exploration potential of the Northern Bolivia Subandean thrust belt (Beni Basin)
<b>11:30-11:45</b>	<u>MALIE Pierre</u> , FERREIRO Mählmann Rafael, BAILLEUL Julien, MAISON Tatiana, CHANIER Frank, TOULLEC Renaud, MAHIEUX Geoffroy, FIELD Brad, POTEL Sébastien	Diagenetic organic matter and clay studies to precise the geodynamic history and hydrocarbon migration system of the Hikurangi prism North Island, New Zealand)
<b>11:45-12:00</b>	<u>GUO Kunzhang</u> , PANG Xiongqi, PAN Zhihong, TAO Hu, LING Tang	Hydrocarbon expulsion characteristics and the lower limit of TOC for effective low abundance source rocks: a case study in South Donpu Depression, Bohai Bay Basin, China

### Poster presentations

<b>SR3-A1</b>	<u>BADER Anne-Gaëlle</u> , BECCALETTO Laurent	Inventory of the French salt formations for energy storage in salt cavities (FLUIDSTORY ANR project)
<b>SR3-A2</b>	<u>BECCALETTO Laurent</u> , BADER Anne-Gaëlle, BIAŁKOWSKI Anne, JAUDIN Florence, VAN GESSEL Serge, HOPMAN Jan	Collecting geological subsurface data for energy storage assessment as a part of the European ESTMAP project (Energy STorage Mapping and Planning)
<b>SR3-A3</b>	<u>BLOUET Jean-Philippe</u> , IMBERT Patrice, HO Sutieng	Paragenesis of seep carbonates as recorder of transient gas migration mechanisms through fractures
<b>SR3-A4</b>	<u>DO COUTO Damien</u> , CHELLE-MICHOU Cyril, MOscariello Andrea	Unravelling past and present geothermal states of the Greater Geneva Basin through an integrated analytical approach
<b>SR3-A5</b>	<u>FANG Huijing</u> , XU Haimin, LI Junjian, ZHAO Yuyun	The Characteristics of Donghe sandstone reservoir and the occurrence state of remaining oil based on Micro CT and NMR
<b>SR3-A6</b>	<u>FANG Huijing</u> , XU Haimin, LEI Zhicheng, TIAN Wen	A new exploration direction: residual oil zone in the Tarim Basin, NW China
<b>SR3-A7</b>	<u>FU Sheng</u> , LIU Zhen	Sedimentary facies and hydrocarbon reservoir of Wulan-hua sag, Erlian basin
<b>SR3-A8</b>	<u>GONCALVES DE SOUZA Juliana Maria</u> , GORINI Christian, CUBAS Nadaya, GRANJEON Didier, RABE Claudio, SILVA Cleverson Guizan, DARNAULT Romain	Geopressure characterization and modeling: preliminary results associated with gravity tectonics and drilling wells in Foz do Amazonas Basin

<b>SR3-A9</b>	<u>JABIR Adel</u> , CEREPI Adrian, LOISY Corinne, RUBINO Jean-Loup	Stratigraphy, sedimentology and paleogeography of a Paleozoic succession, Ghadames and Jefarah basin, Libya and Tunisia
<b>SR3-A19</b>	<u>MALIE Pierre</u> , BAILLEUL Julien, FERREIRO MÄHLMANN Rafael, CHANIER Frank, TOULLEC Renaud, MAHIEUX Geoffroy, MAISON Tatiana, FIELD Brad, POTEL Sébastien	Solid bitumen in Miocene tubular carbonate concretions: implications for hydrocarbon migrations and paleo cold seep systems in the Hikurangi prism (North Island, New Zealand)
<b>SR3-A20</b>	<u>ONYENANU Godspower</u> , REDFERN Jonathan	Control of basin structure on hydrocarbon charge and re-migration: a study of the plays and prospectivity of the north Celtic Sea Basin, offshore Ireland
<b>SR3-A21</b>	<u>QIN Guosheng</u> , SONG Xinmin, FENG Wenjie	Sequence and sedimentary characteristics of alluvial depositional system and its controlling effect on the hydrocarbon accumulation: a case study of Triassic in Baikouquan area, Junggar basin, northwest China
<b>SR3-B1</b>	<u>WANG Wenyang</u> , PANG Xiongqi, WANG Wenji	A new exploration play? Carbonate source rocks of low organic matter abundance in Tabei areas of Tarim basin, China
<b>SR3-B2</b>	<u>YUE Dali</u> , WANG Jun, LI Wei, LI Jian	The characterization methods of meandering river point-bar based on frequency-divided seismic attributes and frequency-divided inversion
<b>SR3-B3</b>	<u>ZHOU Xiaoxiao</u> , GAO Gang, LÜ Xiuxiang, GAN Jun	Petroleum system analysis of WZ12-2 oilfield in the poorly developed Weixi'anSag in Beibuwan basin, Southern China

#### SR4 Outcrop analogues and modern systems: new study techniques, application in subsurface geology and knowledge transfer

**Convenors** Rémy DESCHAMPS (IFPEN, FRA), Gilberto ALBERTAO (Petrobras, BRA), Oriol FALIVENE (Shell, USA), Philippe JOSEPH (IP School, FRA), Jean Loup RUBINO (TOTAL, FRA)

#### Oral presentations

<b>16:15-16:30</b>	<u>ROSSI Massimo</u> , JACQUIN Thierry	New play concepts associated to submarine unconformities developed along hinged margins: lessons learned from outcrops and seismics
<b>16:30-16:45</b>	<u>HAMON Youri</u> , DOLIGEZ Brigitte, ROHAIS Sébastien, DESCHAMPS Rémy, MARTA Gasparrini, BARBIER Mickaël, SCHMITZ Julien, JOSEPH Philippe	Integrated workflow for characterization and modeling of an outcrop analog of pre-salt series : insights from the Yacorite Fm., Salta rift system (NW Argentina)
<b>16:45-17:00</b>	<u>VISERAS Cesar</u> , YESTE Luis, GARCIA Fernando, HENARES Saturnina, CARACCIOLLO Luca, TEIXIDO Teresa, PEÑA José, JAIMEZ Javier, RODRIGUEZ Gersan, PLA-PUEYO Sila	The integrated outcrop / behind outcrop characterization of sandstone geobodies and their utility for upstream industry training

## ARGOS (Thursday 12<sup>th</sup>)

<b>17:00-17:15</b>	<u>DESCHAMPS Rémy</u> , ADELINET Mathilde, HAMON Youri, MENGUS Jean Marie	Multiscale characterization of a microbialite-rich marginal lacustrine system: the Atlantic pre-salt outcrop analogue of the Green River Formation (Eocene, USA)
<b>17:15-17:30</b>	<u>TAGLIAVENTO Mattia</u> , KAMMANN Janina, STEMMERIK Lars, NIELSEN Lars, MALEHMR Alireza	Linking high resolution seismic, geology and photogrammetry of the Maastrichtian Chalk, Stevns Klint, Denmark
<b>17:30-17:45</b>	<u>PLA-PUEYO Sila</u> , YESTE Luis, GARCIA-GARCIA Fernando, HENARES Saturnina, VISERAS Cesar	Using GPR and photogrammetry to aid in the characterisation of the depositional setting and spatial facies variability of an outcrop analogue for a continental hydrocarbon carbonate reservoir (Guadix Basin, Spain)

### Poster presentations

<b>SR4-A22</b>	<u>BAILLY Cédric</u> , ADELINET Mathilde, FORTIN Jérôme, HAMON Youri, DESCHAMPS Rémy	Multi-scale geological and geophysical outcrop characterization of continental carbonates: the example the Miocene lacustrine series of Samos Island
<b>SR4-A23</b>	<u>BATTARA Enrica</u> , <u>RIVA Alberto</u> , BORELLO Stefano, FERRETTI Paola, DI CUIA Raffaele, PACE Paolo	Facies variability, depositional systems and fracture characteristics around a carbonate structural high: the Matera High (southern Italy) as a Tertiary analogue for subsurface systems in the Mediterranean Sea
<b>SR4-A24</b>	<u>BILMES Andrés</u> , D'ELIA Leandro, LOPEZ Luciano, VARELA Augusto, ALVAREZ María Del Pilar, EYMARD Inès, ARIZTEGUI Daniel, FRANZESE Juan	Digital outcrop modeling using "structure-from-motion" photogrammetry: applications to analyze Neogene? Quaternary environmental signals preserved in the Andean foreland, Argentina
<b>SR4-A25</b>	<u>FIELDING Christopher</u> , KORUS Jesse	Falling-stage stratal architecture illustrated in a depositional dip transect through the fluvio-deltaic Ferron Sandstone (Cretaceous) of southern Utah, USA
<b>SR4-A26</b>	<u>GROENENBERG Remco</u> , STROOSMA Paul, PLUYAUD Philippe	A hybrid approach to facies modeling: combining object modeling with plurigaussian simulation (PGS) based on a hierarchical fluvial analogue database
<b>SR4-A27</b>	<u>GUO Wei</u> , DONG Chunmei, LIN Chengyan	Application of Ground-penetrating Radar in characterization of braided river reservoir configuration
<b>SR4-B4</b>	<u>LI Jia</u> , LIN Chengyan	Geomorphology and sedimentary history restoration of the transitional braided-meandering river reservoir: Taking Kongdian oil field in South Bohai Bay Basin, China as an example

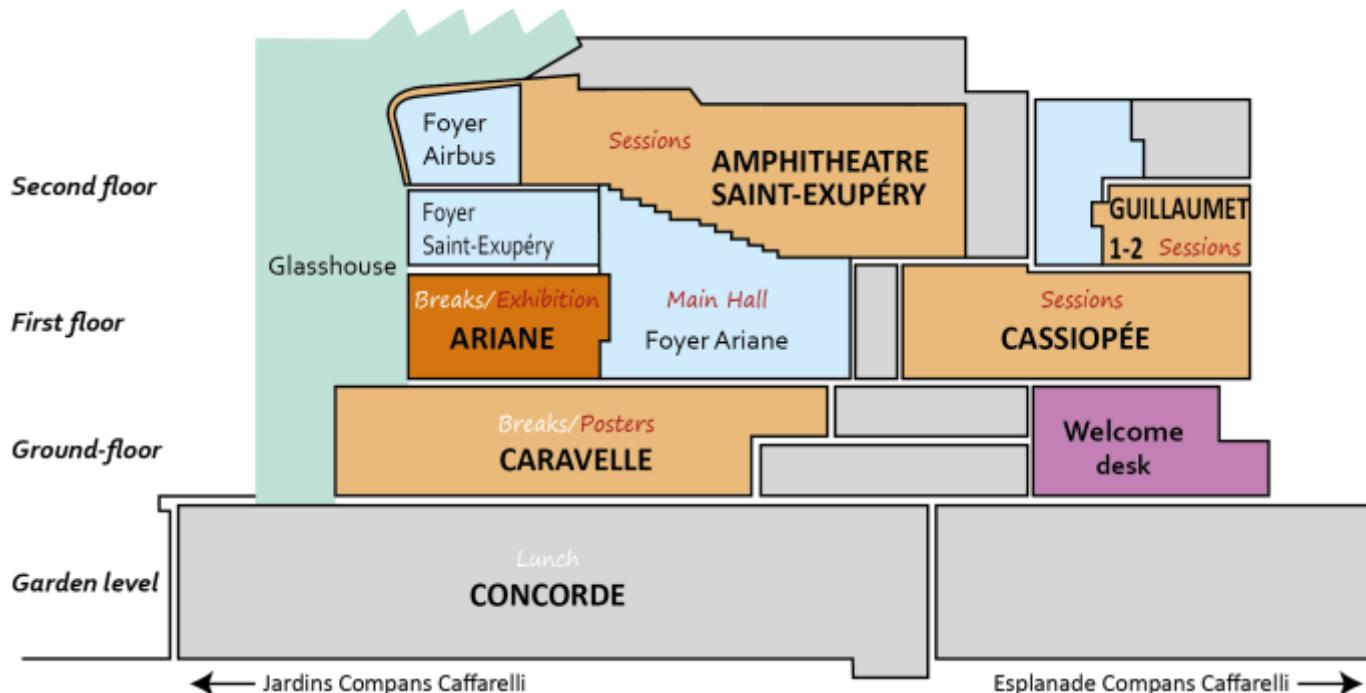
<b>SR4-B5</b>	<u>LIN Zhipeng</u> , SHAN Jingfu, CHEN Le, SUN Qianjun, WANG Yiwu	Geomorphology-sedimentology processes of planform migration architecture of meandering channel: from modern to ancient fluvial systems
<b>SR4-B6</b>	<u>MERCIER Louison</u> , DAGHDEVIRENIAN Laurent, MIGEON Sébastien, RUBINO Jean-Loup, JOSEPH Philippe, RAISSON François, BOUSQUET Romain, BROUCKE Olivier, IMBERT Patrice	The Schistes à blocs Fm: photogrammetry and 3D modelling of a world-class example of a mud-filled canyon
<b>SR4-B7</b>	<u>SECO Sérgio</u> , DUARTE Luís, PEREIRA Alcides, SILVA Ricardo	Gamma-ray spectrometry in organic-rich sedimentary carbonate deposits: an example from the Lower Jurassic of the Lusitanian Basin, Portugal
<b>SR4-B8</b>	<u>YESTE Luis Miguel</u> , GARCIA-GARCIA Fernando, McDougall Neil, HENARES Saturnina, VISERAS Cesar	Tidal vs fluvial point bars: key features which differentiate them in outcrops, core and wireline logs
<b>SR4-B9</b>	<u>ASSES Amar</u> , LOUMI K., AIT-AMBER K., BELDJILALI Y.	The Lower Serie reservoir of sandy shale Triassic in Ben-Kahla area; Oued MYA basin- Algeria

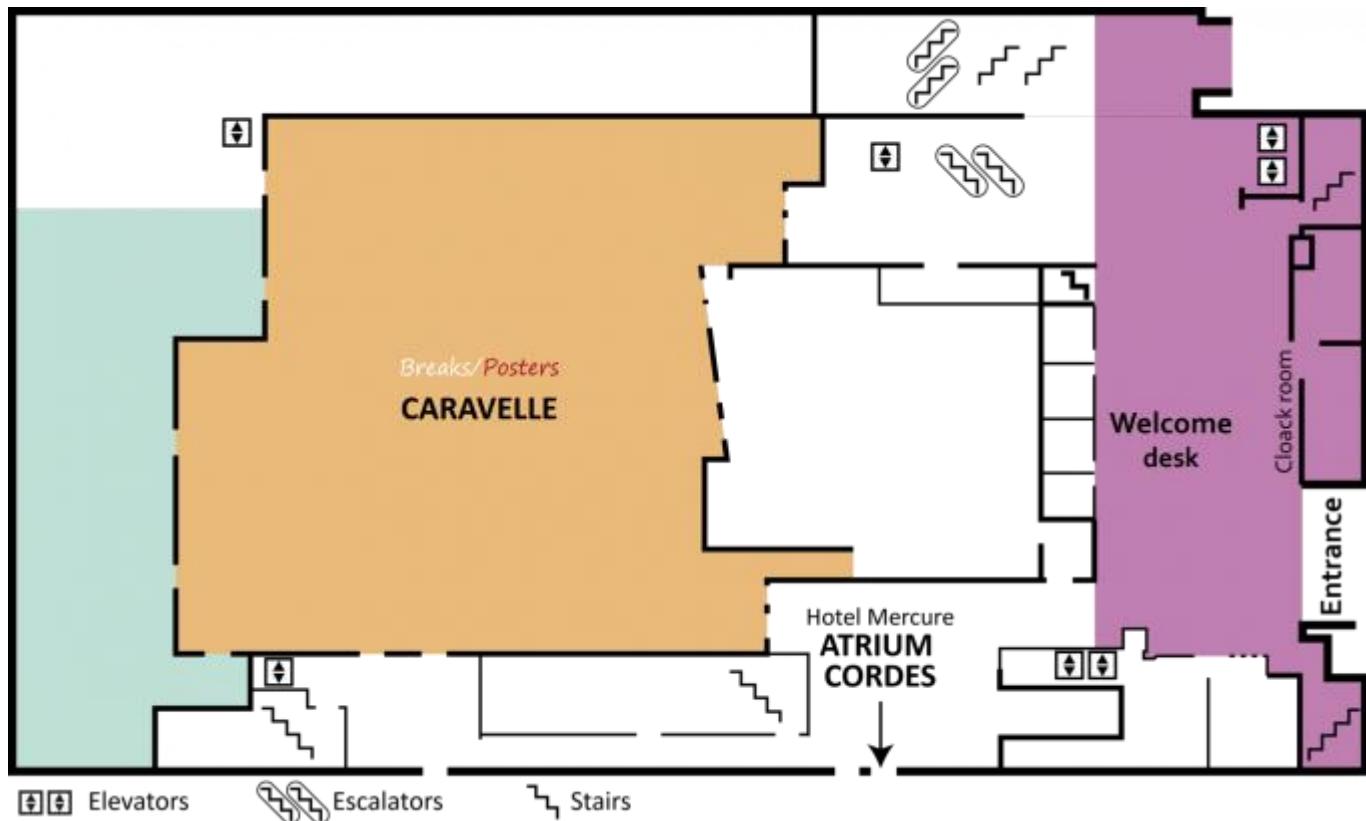
**MAPS AND FLOOR PLANS**



## GROUND FLOOR

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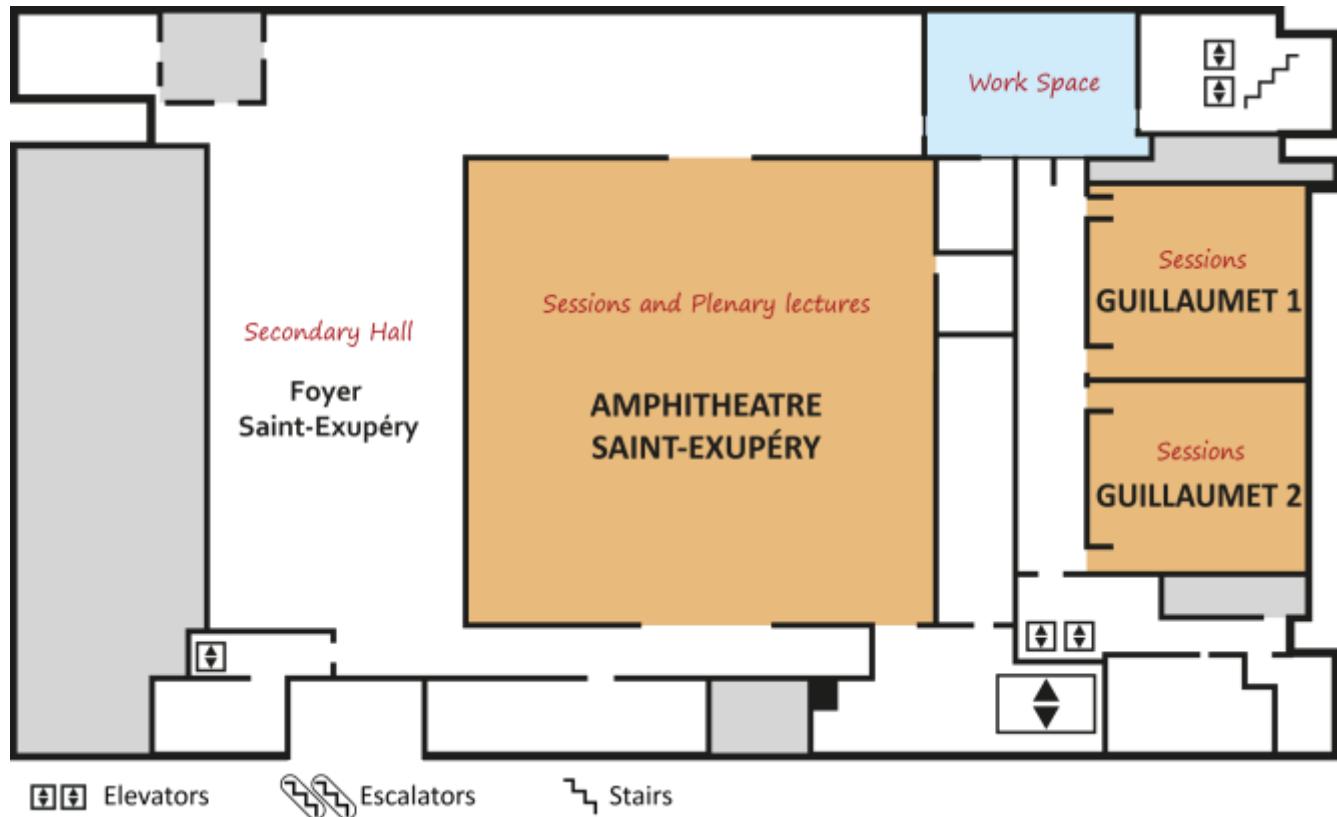


CROSS-SECTION CENTRE PIERRE BAUDIS

## GROUND FLOOR

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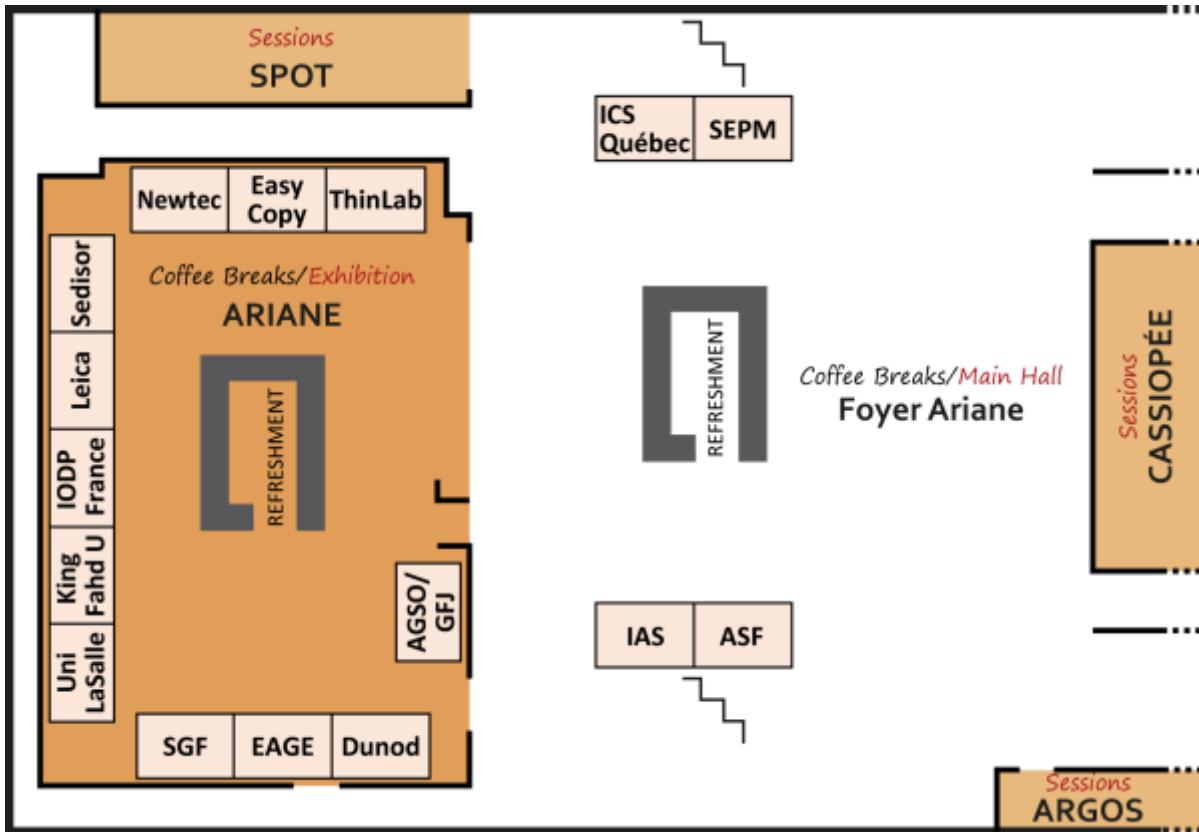


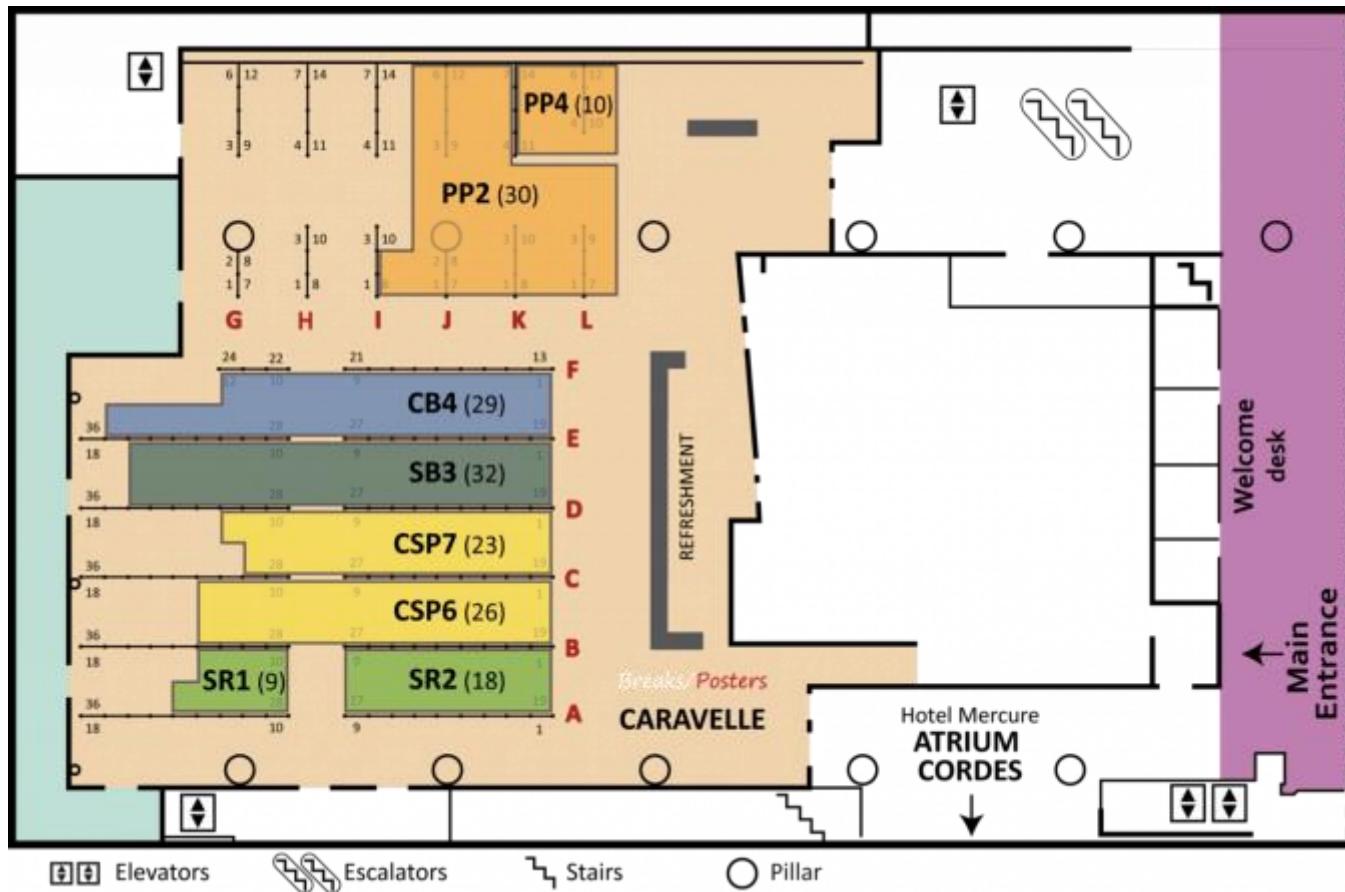


FIRST FLOOR

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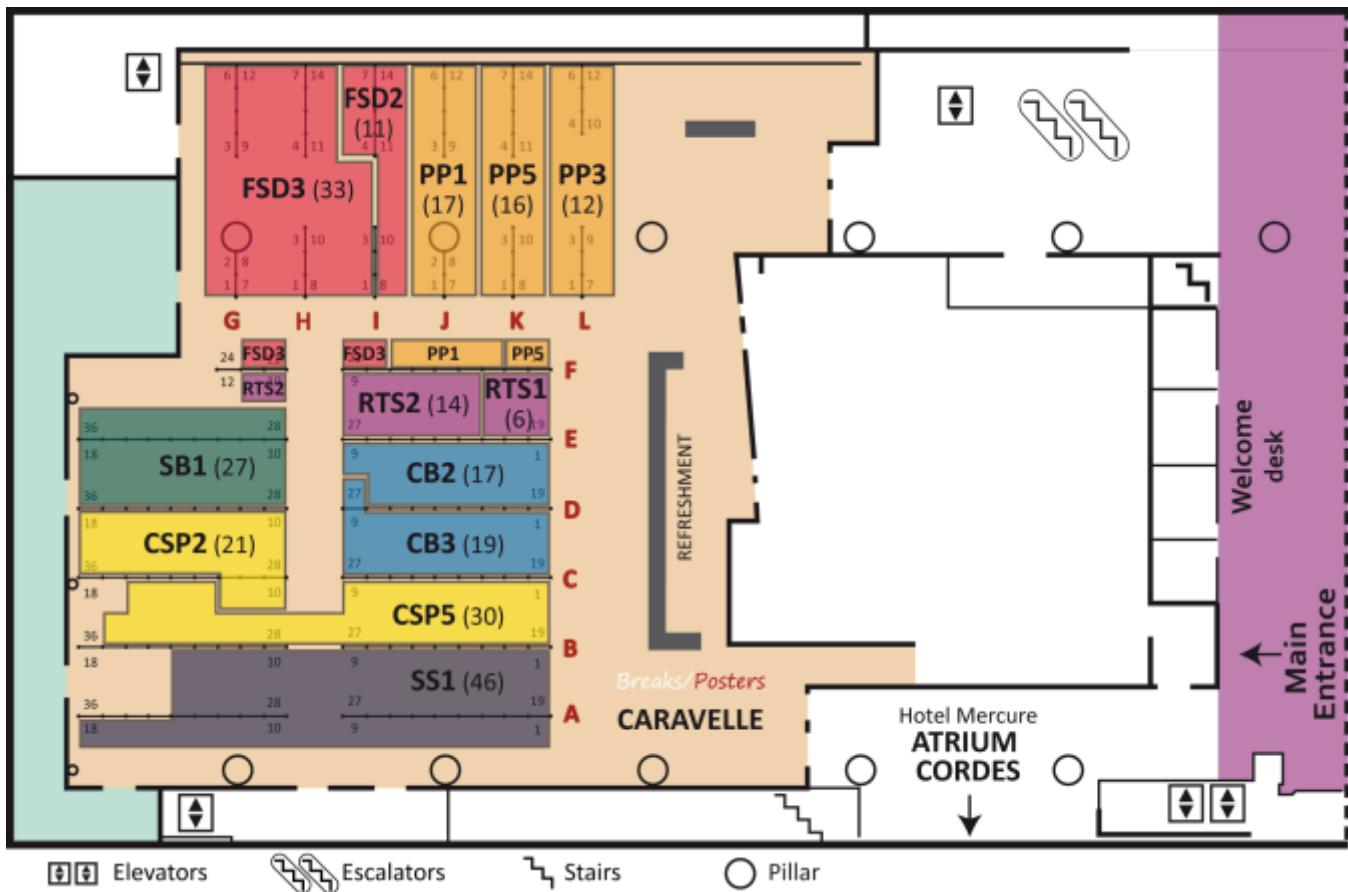
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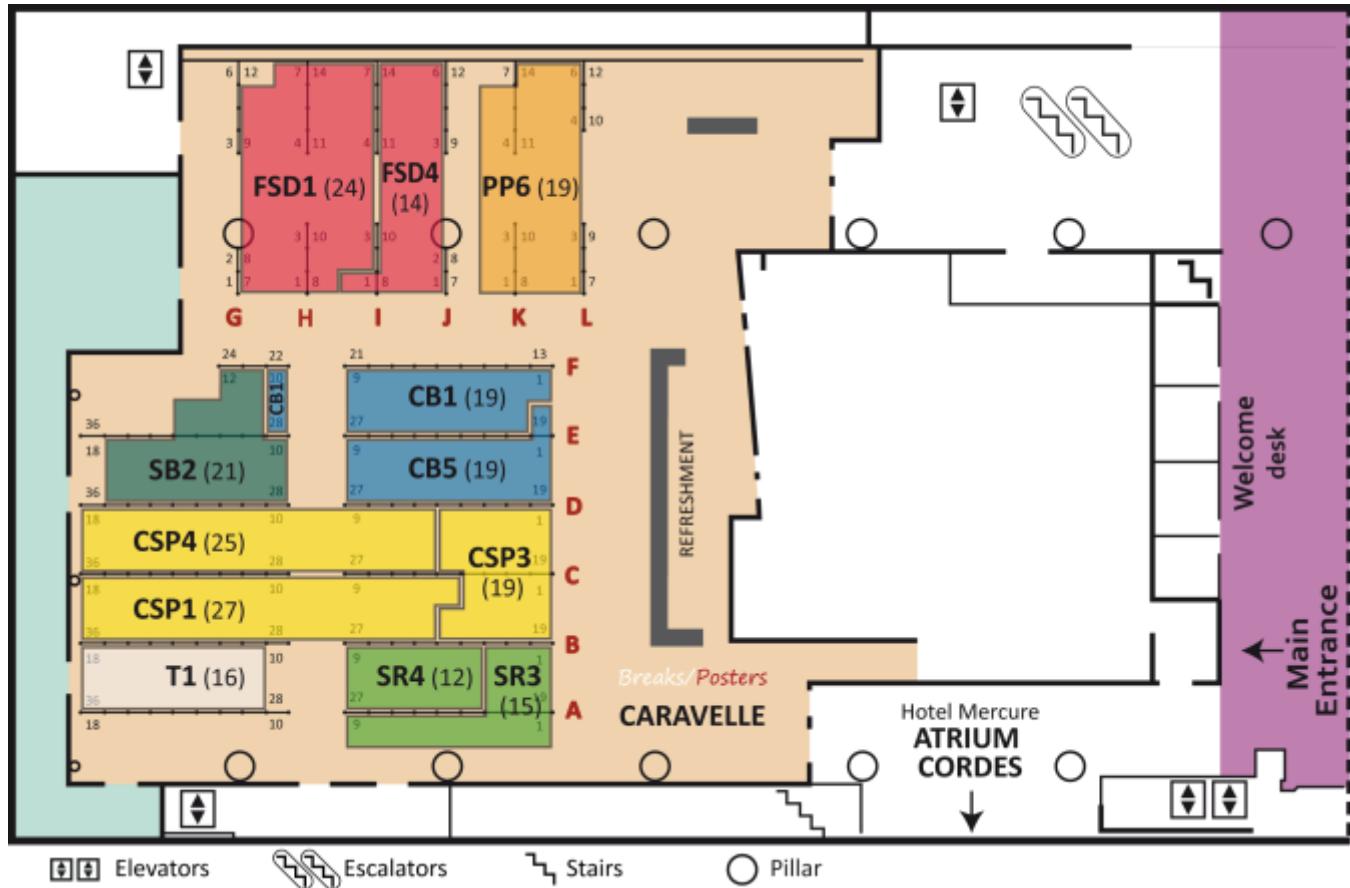




## POSTER LOCATIONS FOR TUESDAY 10<sup>th</sup>

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POSTER LOCATIONS FOR WEDNESDAY 11<sup>th</sup>

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