



International Meeting of Sedimentology 2017

33rd IAS & 16th ASF Joint Meeting

Detailed program

October 10-12, 2017
Toulouse, France

ims2017.sciencesconf.org



Global Timetable



	October 8 th -9 th	October 10 th	October 11 th	October 12 th	October 13 th	
Morning	Pre-meeting excursions	Registration	Oral Sessions	Oral Sessions	Post-meeting excursions	
		Opening Ceremony <i>ST. EXUPÉRY</i>				Coffee Break
Lunch Break		Lunch Break				
		Oral Sessions				
Afternoon		Oral Sessions				Poster Sessions <i>CARAVELLE</i>
		Coffee Break				
Evening	Registration <i>Congress Center</i>	Poster Sessions <i>CARAVELLE</i>		Oral Sessions		
	Icebreaker <i>City Hall</i>	General Assemblies <i>ST. EXUPÉRY/CASSIOPEE</i>	Conference Dinner <i>Mas Tolosa</i>	Closing Ceremony <i>ST. EXUPÉRY</i>		

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



Tuesday 10th								
	Amphitheatre	Cassiopée	Guillaumet 1	Guillaumet 2	Spot	Argos		
8:00	Coffee							
8:30								
8:45								
9:00	Opening ceremony							
9:15								
9:30								
9:45								
10:00								
Coffee Break								
10:30	SB3	CB4	CSP6	PP2	SR2	CSP7	Joussiaume et al.	
10:45							Tucker et al.	
11:00							Pascucci et al.	
11:15							Pichat et al.	
11:30							Leva Lopez et al.	
11:45							Schöllhorn et al.	
12:00	Lunch Break							
13:00	Invited Keynote: Ron Steel							
13:30								
14:00								
14:30	SB3	CB4	CSP6	PP2	SR1	PP4	Batezelli et al.	
14:45							Bouton et al.	
15:00							Rossi et al.	
15:15							Suan	
15:30	Coffee Break							
16:00	SB3	CB4	CSP6	PP2	SR2	PP4	Su et al.	
16:15							Sancho-Tomas et al.	
16:30							Li et al.	
16:45							Chaltawi et al.	
17:00							Schaegis et al.	
17:15							Fruergaard et al.	
17:30	Session posters in the hall Caravelle: CB4, CSP6, CSP7, PP2, PP4, SB3, SR1, SR2							
18:00								
18:30								
19:00	AG ASF	GA IAS						
20:00								

AMPHITHEATRE SAINT EXUPÉRY (Tuesday 10th)

Plenary Session

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

Keynote lecture

13:30-14:30 STEEL Ronald J. (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

Chairmen: Mary Ford (CRPG Nancy, FRA), Jaume VERGES (ICTJA - CSIC in Barcelona, ESP)

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>PICHAAT 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, APPELYARD 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
11:30-11:45	<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
11:45-12:00	<u>LLORET Joan</u> , RONCHI Ausonio, LOPEZ-GOMEZ José, ARCHE Alfredo, DE LA HORRA Raúl, BARRENECHEA José, GREITER 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

Chairmen: Jaume VERGES (ICTJA - CSIC in Barcelona, ESP), Mary Ford (CRPG Nancy, FRA)

14:30-14:45	<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
14:45-15:00	<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
15:00-15:15	<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)
15:15-15:30	<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)

Chairmen: Frank CHANIER (Université de Lille 1, FRA), Vincent REGARD (University of Toulouse III - GET, FRA)

16:00-16:15	<u>ŠUJAN Michal</u> , ŠUJAN Martin, BRAUCHER Régis, HOK Jozef, POVINEC Pavel, ŠIPKA Frantizek	Quaternary tectono-sedimentary evolution of a major seismogenic zone: sedimentological and geochronological investigation of the Dobrá Voda depression (Western Carpathians, Slovakia)
16:15-16:30	<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
16:30-16:45	<u>ROSSETTI Dilce</u> , ALVES Fabio, VALERIANO Márcio	A late Holocene seismite in southern Amazonian lowlands, Brazil
16:45-17:00	<u>BAILLEUL Julien</u> , MALIE Pierre, CHANIER Frank, MAHIEUX Geoffroy, TOULLEC Renaud, GAGNAISON Cyril, MAISON Tatiana, POTEI Sébastien, CARON Vincent	Deformation, basin development, fluid migrations and shelf deposits on the lower trEnch slope of the Hikurangi margin (North Island, New Zealand)
17:00-17:15	<u>BARRIER Andrea</u> , NICOL Andrew, BROWNE Greg	Impact of faulting on the late Mesozoic and younger sedimentary fill of Canterbury Basin, New Zealand
17:15-17:30	TOPAL Savaş, <u>ÖZKUL Mehmet</u>	Earthquake-induced deformation structures in the Upper Miocene-Pliocene sediments, Denizli Basin, SW Turkey

Poster presentations

SB3-D19	<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
----------------	--	--

AMPHITHEATRE SAINT EXUPÉRY (Tuesday 10th)

SB3-D20	<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
SB3-D21	<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)
SB3-D22	<u>CHRISTOPHOUL Frédéric</u> , SOARES Jérémy, ARETZ Markus, CHARDON Dominique	Tectono/sedimentary and sediment source evolution of a Stephanian basin of the French Massif Central: the Decazeville Basin
SB3-D23	<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)
SB3-D24	<u>GHANDOUR Ibrahim</u> , FÜRSICH Franz	Sedimentary facies and stratigraphic evolution of the Lower Jurassic Mashabba Formation, Gebel Al-Maghara, North Sinai, Egypt
SB3-D25	<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
SB3-D26	<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
SB3-D27	<u>KARTVEIT Kyrre Helda</u> , 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
SB3-D28	<u>LABORDE CASADABAN Marine</u> , 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)
SB3-D29	<u>LESZCZYNSKI Stanislaw</u> , KODZIERSKI Mariusz	A record of deep-sea sedimentation controlled by eustasy, climate and tectonics: case study from the Campanian? Maastrichtian of the Polish Carpathians
SB3-D30	<u>LEVA LOPEZ Julio</u> , 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
SB3-D31	<u>LI Na</u> , ZHANG Jinliang, LIU Longlong	A case study about fluvial system: architectural analysis of the Sulige gas field, Ordos Basin
SB3-D32	<u>LORET Joan</u> , RONCHI Ausionio, LOPEZ-GOMEZ José, ARCHE Alfredo, DE LA HORRA Raúl, BARRENECHEA José, GRETTNER Nicola	Basin architecture and tectono-sedimentary interplay from the late Palaeozoic - early Mesozoic stratigraphic succession of the Central-eastern Pyrenees (Spain): an interregional perspective
SB3-D33	<u>NINA Lidia</u> , JIMENEZ Grisel, BLANCO Mario, WEIHED Pär, NEUMANN Virginio	Sedimentary evolution of Chutani Formation, San Pablo Tiquina section
SB3-D34	<u>PAQUET Fabien</u> , ALLANIC Cécile, LASSEUR Éric, BRUNO Caline, THINON Isabelle	Reactivation and interactions of cadomian and variscan inherited structures within the intracratonic Anglo-Parisian Basin revealed by offshore studies: The Fécamp-Lillebonne and Nord-Baie-de-Seine faults
SB3-E1	<u>POLARD-TAINE Pierre</u> , 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?
SB3-E2	<u>PRUDHOMME Alice</u> , 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)
SB3-E3	<u>PRUDHOMME Alice</u> , BABY Patrice, ROBERT Alexandra, CUIPA Edward, BRUSSET Stephane, CALDERON Ysabel	Uplift and climatic history along the northern Peruvian Andes margin: the Calipuy Plateau
SB3-E4	<u>ROSSEL Katia</u> , <u>AGUILAR German</u> , SALAZAR Esteban, MARTINOD Joseph, CARRETIER Sébastien, PINTO Luisa, CABRÉ 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
SB3-E5	<u>ROSSIGNOL Camille</u> , LANA Cristiano	Neoproterozoic to Paleoproterozoic geodynamic evolution of the Quadrilátero Ferrífero, São Francisco Craton, Brazil: a perspective from sedimentary archives
SB3-E6	<u>ROSSIGNOL Camille</u> , LANA Cristiano, ALKIMIM Fernando	Early Paleoproterozoic unconformity in the southern São Francisco Craton, Brazil: climate or tectonic?
SB3-E7	<u>RYBAR Samuel</u> , ŠARINOVA Katarína, ŠUJAN Michal, HALASOVA Eva, KOVAČOVA Marianna, HUDAČKOVA Natália, KOVAČ Michal, RUMAN Andrej, JAMRICH Michal, SCHITTENHELM Andrea, CSIBRI Tamás, NOVAKOVA Petronela	Sedimentary life cycle of a fault controlled, finger like depocenter
SB3-E8	<u>SANTOS Roberto</u> , COSTA Lindaray, DANTAS Elton, ALVARENGA Carlos Jose	Pangea break-up and the significance of Recurrence cycles in Permian Ash Layers from the Irati Formation, Brazil

AMPHITHEATRE SAINT EXUPÉRY (Tuesday 10th)

SB3-E9	<u>STUECK Heidrun</u> , BENSE Frithjof, JÄHNE-KLINGBERG Fabian	Fluid migration paths through superimposed Cenozoic to Mesozoic faults and fault systems? A case study in the SW-German North Sea
SB3-E10	<u>VAN DEN BELT Frank</u> , PRINS Hendrik	A two-dimensional, quantitative approach to sequence stratigraphy and allocyclic depositional control
SB3-E11	<u>VATRUSHKINA Elena</u> , TUCHKOVA Marianna	Source and sediment transport direction of the Upper Jurassic - Lower Cretaceous deposits (Western Chukotka, N-E of Russia)
SB3-E12	<u>WU Gaokui</u> , LIN Changsong, ERIKSSON Kenneth, YANG Haijun, LIU Jingyan, CAI Zhenzhong, LI Hao, JIANG 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
SB3-E13	<u>YANG Xuan</u> , JI Hancheng	Sedimentary characteristics and main controlling factors of P formation in the northern slope, Bongor Basin, Chad
SB3-E14	<u>YAO Yongjian</u> , LÜ Caili, WANG Lijie	Tectonic evolution and genetic mechanism of Wan'an Basin, southern South China Sea
SB3-E15	<u>ZHANG Xianguo</u> , ZHANG Tao, CHENGYAN Lin	Seismic sedimentologic interpretation of fluvial reservoir architecture in maturing oilfields
SB3-E16	<u>ZHAO Rui</u> , CHEN Si, WANG Hue, YAN Detian	Changes of sedimentary and tectonic features of Paleogene in Lenghu area, Qaidam Basin: response to the Tibetan plateau uplifting

CASSIOPÉE (Tuesday 10th)

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)

Oral presentations

Chairmen: Pieter T. VISSCHER (University of Connecticut, USA), Anneleen FOUBERT (University of Fribourg, CHE)

10:30-10:45	<u>TUCKER Maurice</u> , PERRI Edoardo, SLOWAKIEWICZ Mirek, WHITAKER Fiona, BOWEN Leon	Mineral precipitates in modern microbial mats: crystallites, spheroids, bacteria and viruses
10:45-11:00	<u>PACE Aurélie</u> , BOURILLOT Raphaël, BOUTON Anthony, VENNIN Emmanuelle, BRAISSANT Olivier, DUPRAZ Christophe, DUTEIL Thibault, BUNDELEVA Irina, PATRIER Patricia, GALAUP Serge, YOKOYAMA Yusuke, FRANCESCHI Michel, VIRGONE Aurélien, VISSCHER Pieter	Initiation of stromatolite formation at the interface of oxygenic-anoxygenic photosynthesis
11:00-11:15	<u>DIAZ Mara R.</u> , EBERLI Gregor, PHILLIPS Brian, SWART Peter	Ooids: the unrecognized microbialites
11:15-11:30	<u>EYMARD Inès</u> , ALVAREZ María Del Pilar, BILMES Andrés, VASCONCELOS Crisogono, FOUBERT Anneleen, ARIZTEGUI Daniel	Tubular microporosity in fossil microbialites of the Maquinchao Basin (Argentina)
11:30-11:45	<u>METTRAUX Monique</u> , HOMEWOOD Peter, FOUBERT Anneleen, VANDEN BERG Michael, SCHAEGIS Jean-Charles	Carbonate mineral species characterizing depositional environments in a system linking travertine to microbialite mounds, early Great Salt Lake, Lakeside Utah
11:45-12:00	<u>AUBINEAU Jérémie</u> , EL ALBANI Abderrazak, MEUNIER Alain, TRENTESAUX Alain, RIBOLLEAU Armelle, RECOURT Philippe	Unusual structural diversity of mat-related structures and their implications for the Francevillian biota (FB2 Formation, 2.1 Ga, Gabon)
Chairmen: Emmanuelle VENNIN (University of Bourgogne, FRA), Raphaël BOURILLOT (INP Bordeaux, FRA)		
14:30-14:45	<u>BOUTON Anthony</u> , VENNIN Emmanuelle, THOMAZO Christophe, BOURILLOT Raphaël, PACE Aurélie, ROCHE Adeline, VIRGONE Aurélien, GAUCHER Éric, 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
14:45-15:00	<u>SANCHO-TOMAS Maria</u> , MEDJOURI Kadda, BERGAMASCHI Antoine, PHILIPPOT Pascal, VISSCHER Pieter, VAN DRIESSCHE Alexander, GÉRARD Emmanuelle, FARIAS María Eugenia, CONTRERAS Manuel, SOMOGYI Andrea	Arsenic in microbial mats of La Brava: distribution, redox state and (bio)geochemical implications

CASSIOPEE (Tuesday 10th)

15:00-15:15	<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)
15:15-15:30	<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)
Chairmen: Ramón MERCEDES-MARTÍN (University of Hull, GBR), Concha ARENAS-ABAD (University of Zaragoza, ESP)		
16:00-16:15	<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?
16:15-16:30	<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)
16:30-16:45	<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
16:45-17:00	<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)
17:00-17:15	<u>FRANCHI Fulvio</u> , FRISIA Silvia	Desert spring mounds: new insight on the resilience of Life
17:15-17:30	<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 Ciénegas, 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 Mickael	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 Elirio, 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	KANELLOPOULOS Christos, <u>THOMAS Camille</u> , XIROKOSTAS Nikolaos, ARIZTEGUI Daniel	Biotic and abiotic processes involved in the formation of banded iron travertine
CB4-E32	<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)

CASSIOPÉE (Tuesday 10th)

CB4-E33	<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
CB4-E34	<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
CB4-E35	<u>LUO Ping</u>	Lower Cambrian thrombolite reef in Western Mount of Beijing
CB4-F1	<u>MARTIGNIER Agathe</u> , JAQUET Jean-Michel, FILELLA Montserrat, ARIZTEGUI Daniel	Could micropearls be preserved in the sedimentary record?
CB4-F2	<u>MCCORMACK Jeremy</u> , IMMENHAUSER Adrian, KWIECIEN Ola	Disentangling bulk carbonate lacustrine stable isotope records: the Lake Van example
CB4-F3	<u>MENGSHI Wang</u>	Development features and petroleum significance of alkaline lakes: a case study of Early Permian Fengcheng Formation in Mahu Sag, Junggar Basin, NW China
CB4-F4	<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
CB4-F5	<u>ÖZKUL Mehmet</u> , GÖKGÖZ Ali, YÜKSEL Ali Kamil, ATLI Atahan, ÇAĞDAŞ Gamzenur	Travertine spring towers at the Hisaralan geothermal field (Sindirgi, Balikesir-NW Turkey): Depositional and geochemical approaches
CB4-F6	<u>ROCHE Adeline</u> , VENNIN Emmanuelle, BOUTON Anthony, OLIVIER Nicolas, WATTINNE Aurélie, BUNDELEVA Irina, VIRGONE Aurélien, DECONINCK Jean-François, VISSCHER Pieter	Oligo-Miocene lacustrine microbial-metazoan buildups from the Limagne Basin (French Massif Central)
CB4-F7	<u>TAGLIASACCHI Ezher</u> , KAYSERI-ÖZER Mine, ARATMAN Cihan	The palaeoenvironmental development of Middle-Late Pleistocene Gürlek-Kocabaş and Örtülü Travertine Deposits (SW-Turkey)
CB4-F8	<u>TOBON VELAZQUEZ Nidia</u> , HERNÁNDEZ-TERRONES Laura, REBOLLEDO VIEYRA Mario	Paleohydrology reconstruction of the stromatolites of the Bacalar Lagoon
CB4-F9	<u>VENNIN Emmanuelle</u> , BOUTON Anthony, BOURILLOT Raphaël, PACE Aurélie, ROCHE Adeline, BRAYARD Arnaud, THOMAZO Christophe, VIRGONE Aurélien, GAUCHER Éric, DÉSAUBLIAUX Guy, VISSCHER Pieter	The lacustrine microbial carbonate production of the successive Bonneville and Great Salt Lakes, Utah, USA
CB4-F10	<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
CB4-F11	<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
CB4-F12	<u>ZHONG Dakang</u> , YANG Zhe	Petrological characteristics of hydrothermal-sedimentary rocks in the Lower Cretaceous from Bayinchagan Sag, Earlian Basin, China

GUILLAUMET 1 (Tuesday 10th)

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 FRUERGAAARD (Geological Survey of Denmark & Greenland, DNK), Ernesto SCHWARZ (University of La Plata & CONICET, ARG), Massimo MORETTI (Bari University, ITA)

Oral presentations

Chairmen: Daniela RUBERTI (Campania University "L. Vanvitelli", ITA), Ernesto SCHWARZ (University of La Plata & CONICET, ARG)

10:30-10:45	<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 a coastal barrier system (W Sardinia, Italy)
10:45-11:00	<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
11:00-11:15	<u>KNIGHT Jasper</u> , BURNINGHAM Helene	Saltmarsh sediments as a record of coastal events

GUILLAUMET 1 (Tuesday 10th)

11:15-11:30	<u>DAVIES-VOLLUM Katherine</u>	Recent shoreline change at the Muni-Pomadze lagoon, Ghana: influences and impacts
11:30-11:45	<u>VAN YPEREN Anna</u> , MIDTKANDAL 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)
11:45-12:00	<u>ZIMMER Eva</u> , HOWELL John, SCHOFIELD Nicholas, HARTLEY Adrian, GAWTHORPE Robert	Seismic geomorphology linked to sequence stratigraphy of an Eocene delta in the Outer Moray Firth, UKCS
Chairmen: Jasper KNIGHT (University of the Witwatersrand, Johannesburg, ZAF), Massimo MORETTI (Bari University, ITA)		
14:30-14:45	<u>ROSSI Valentina</u> , KIM Wonsuck, LEVA LOPEZ Julio, EDMONDS Douglas, GELEYNSE Nathanael, OLARIU Cornel, STEEL Ronald, PASSALACQUA Paola, HIATT Matt	Impact of tidal currents on deltaic morphology, stratigraphic architecture and sediment partitioning
14:45-15:00	<u>LI Shunli</u> , YU Xinghe, STEEL Ronald, ZHU Xiaomin, LI Shengli, CAO Bing, HOU Guowei	Change from tide-influenced deltas in a regression-dominated set of sequences to tide-dominated estuaries in a transgression-dominated sequence set, East China Sea Shelf Basin
15:00-15:15	<u>FRUERGAAARD Mikkel</u> , TESSIER Bernadette, POIRIER Clément, MOUAZÉ Dominique, WEILL Pierre, NOËL Suzanne	Architecture, evolution and depositional controls of a late Holocene hypertidal recurved barrier-spit system
15:15-15:30	<u>CHAUMILLON Éric</u> , BERTIN Xavier, COULOMBIER Thibault, De BAKKER Anouk, MILLESCAMPS Bastien, GUÉRIN Thomas, LONG Nathalie	Short-term high resolution dynamics of a tidal inlet: the Maumusson Inlet, SW France
Chairmen: Mikkel FRUERGAAARD (Geological Survey of Denmark & Greenland, DNK), Daniela RUBERTI (Campania University "L. Vanvitelli", ITA)		
16:00-16:15	<u>NEUMEIER Urs</u> , RAO Alexandra, SENNEVILLE Simon	Structures and movements of large submarine tidal dunes in the St. Lawrence Estuary (Canada)
16:15-16:30	<u>BAUMANN Juliette</u> , CHAUMILLON Éric, SCHNEIDER Jean-Luc, BERTIN Xavier, GUILLOT Benoit, SCHMUTZ Myriam	Washover deposit: sediment record of overwash events related to exceptional infragravity waves
16:30-16:45	<u>GARCÍA-GARCÍA Fernando</u> , YESTE Luis, HENARES Saturnina, VISERAS Cesar	Tides and waves influence variability on the shoreline systems of the Heterolithic Unit from the Triassic tabular cover of the Iberian Meseta
16:45-17:00	<u>SCHWARZ Ernesto</u> , 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?
17:00-17:15	<u>CARLING Paul</u> , WILLIAMS Jon, LEYLAND Julian	Origin of shore-normal grooves (gutters) on a steep sandstone beach-face
17:15-17:30	<u>GOSLIN Jérôme</u> , CLEMMENSEN Lars B.	A high-resolution Holocene record of past storminess and coastal dynamics: Filsø lake, Western Denmark
Poster presentations		
CSP6-B19	<u>AL-LANGAWI Alham</u> , PASCUCCI Vincenzo	Sea-level changes and its effect on the formation of oolitic ridges at Al Khiran- south Kuwait
CSP6-B20	<u>CHAUMILLON Éric</u> , GAUDEFRY Julia	Decadal and centennial evolutions of beaches in contrasted coastal environments
CSP6-B21	<u>CHEN Cheng</u> , ZHU Yixiang, LEI Zhengdong	Flume tank study of the formation process and sedimentary characteristics of shallow-water delta
CSP6-B22	<u>EMMANOUILIDIS Alexandros</u> , KATRANTSIOTIS 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
CSP6-B23	<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
CSP6-B24	<u>GOUGH Amy</u> , HALL Robert, MCNEIL Joseph	The evolution of the Oligocene fluvio-deltaic environments of the Salin Basin, Myanmar
CSP6-B25	<u>GYUJIN Shin</u> , KIM Ji Hun, LEE Young Yun, CHANG Tae Soo	Effects of typhoons on morphological changes in sandy beaches and implications for preservation potential
CSP6-B26	<u>ISLA Manuel</u> , SCHWARZ Ernesto, VEIGA Gonzalo	Architectural analysis of upper-shoreface deposits at intra-parasequence scale: different morphological configurations and possible controls

GUILLAUMET 1 (Tuesday 10th)

CSP6-B27	<u>KNIGHT Jasper</u> , BURNINGHAM Helene	The role of bedrock structure in shore platform development: an example from South Africa
CSP6-B28	<u>LISBOA Douglas</u> , LAFUERZA Sara, GORINI Christian, CAUQUIL Éric, CONTET Julien	Submarine canyons morphology and failure processes along the continental slope of the northwestern Foz do Amazonas basin, Brazil
CSP6-B29	<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
CSP6-B30	<u>MAILLET Grégoire</u> , BLANCHET Loïc, VELLA Claude, DURAND Matthieu, MOJTAHID Meryem	Spatial variability of surface sediments grain-size of the Loire estuary
CSP6-B31	<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
CSP6-C1	<u>MIGNARD Salomé</u> , MARTINEZ Philippe, MULDER Thierry, EL ALBANI Abderrazak, Garlan Thierry	Variations in the mineral composition of the Gabonese margin sediments and their impact on organic matter content
CSP6-C2	<u>PELLERIN LE BAS Xavier</u> , LEVOY Franck	A cycle of sand spit nourishment by swash bars on macrotidal ebb-tidal delta
CSP6-C3	<u>POIGNANT Loïk</u> , DUGUE Olivier, DELCAILLAU Bernard	Origins of the Quaternary marshes on the coastal watersheds of the English Channel : example of the marsh of Vimont (Normandy, France)
CSP6-C4	<u>PRÉMAILLON Mélody</u> , REGARD Vincent, DEWEZ Thomas	Rocky coast erosion rates and coastal sediment budget
CSP6-C5	<u>RAGON Maxime</u> , QUIQUERES Amélie, PFEFFER Julia, ALLEMAND Pascal	Storm effects on the decadal shoreline dynamics of a sandy coast: the example of the Goulven Bay (Brittany, France)
CSP6-C6	<u>RUBERTI Daniela</u> , MANDOLINI Alessandro, MATANO Fabio, PICARELLI Luciano, SACCHI Marco, VIGLIOTTI Marco	Holocene stratigraphic architecture and current land subsidence of the Volturno coastal plain (northern Campania, southern Italy)
CSP6-C7	<u>SORIA Janneli Lea</u> , SWITZER Adam, SIRINGAN Fernando, PILARCZYK Jessica, KHAN Nicole, TANG Hui, WEISS Robert, LAU A.y. Annie, FRITZ Hermann	Geomorphic and sedimentologic imprints of storm surges associated with typhoons Dorian and Haiyan on coastlines of the Philippines
CSP6-C8	<u>SZCZUCIŃSKI Witold</u> , MOSKALIK Mateusz	Sediment flocculation in fjords: tidewater glacier bay vs river-dominated bay
CSP6-C9	<u>TESSIER Bernadette</u> , POIRIER Clément, FRUERGAARD Mikkel, MOUAZÉ Dominique, WEILL Pierre, NOËL Suzanne, CHAUMILLON Éric	Sandspit evolution in macrotidal settings. A comparative study
CSP6-C10	<u>VAN DER VEGT Helena</u> , STORMS Joep, WALSTRA Dirk-Jan, Li Liang, NORDAHL Kjetil, MARTINIUS Allard, HOWES Nick	Sediment deposition and preservation in mouth bar complexes of prograding deltas
CSP6-C11	<u>WALSH John</u> , CHAUMILLON Éric, SCHNEIDER Jean-Luc, CORBETT David, BAUMANN Juliette, SCHMIDT Sabine, KELLY Nick	Coastal sedimentary response to dynamic natural and anthropogenic conditions: examples from Southwest France and Southeast U.S.
CSP6-C12	<u>YAN Dezhi</u> , XU Huaimin, LIN Chengyan	Depositional characteristics of the the second member of the Shahejie Formation in the east slope of Gudao uplift
CSP6-C13	<u>ZUCHUAT Valentin</u> , SLEVELAND Arve, RIMKUS Algirdas, BRAATHEN Alvar, MIDTKANDAL Ivar	Modelling the sequence stratigraphic development of the Upper Jurassic Curtis Formation along the NE Margin of the San Rafael Swell, Central-Eastern Utah, USA: an example of a low-gradient tidal basin

GUILLAUMET 2 (Tuesday 10th)

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 PÁLFY (Eötvös University, HUN), Guillaume DERA (University of Toulouse III - GET, FRA)

Oral presentations

Chairmen: Emanuela MATTIOLI (University of Lyon 1, FRA), Pierre PELLENARD (University of Bourgogne, FRA)

10:30-10:45	<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
10:45-11:00	<u>SCHÖLLHORN Iris</u> , ADATTE Thierry, SPANGENBERG Jorge, HOUBEN Sander, VAN DE SCHOOTBRUGGE Bas, JANSSEN Nico, FÖLLMI Karl	Climatic and environmental change in the aftermath of the end Triassic mass extinction event - evidence from the Dorset section (GB)

GUILLAUMET 2 (Tuesday 10th)

11:00-11:15	<u>BAGHLI Hicham</u> , MATTIOLI Emanuela, SPANGENBERG Jorge E., BENSALAH Mustapha, PITTET Bernard, SUAN Guillaume	Extreme environmental changes in the early Jurassic as deduced from carbon and oxygen stable isotopes of brachiopod calcite
11:15-11:30	<u>PRICE Gregory</u>	Stable isotope analyses of belemnite rostra from the Pliensbachian-Toarcian boundary: implications for surface water conditions during deposition
11:30-11:45	<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
11:45-12:00	<u>RUEBSAM Wolfgang</u> , MAYER Bernhard, SCHWARK Lorenz	The early Toarcian environmental crises: mechanisms and consequences of an icehouse-greenhouse transition
Chairman: Guillaume SUAN (University of Lyon 1, FRA)		
14:30-14:45	<u>SUAN Guillaume</u>	Paleogeographic controls on organic carbon burial during the Toarcian oceanic anoxic event
14:45-15:00	<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
15:00-15:15	<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
15:15-15:30	<u>GRABOWSKI Jacek</u> , HAAS Janos, STOYKOVA Kristalina, WIERZBOWSKI Hubert, BRANSKI Pawel	A 4.5 My record of palaeoenvironmental changes across the Jurassic/Cretaceous boundary (Lókút section, Transdanubian Mts, Hungary): lithogenic input, palaeoproductivity and climatic trends
Chairmen: József PALFY (Eötvös University, HUN), Yannick DONNADIEU (CEREGE Aix-Marseille, FRA)		
16:00-16:15	<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
16:15-16:30	<u>JENKYN Hugh</u>	Transient cooling episodes during Cretaceous oceanic anoxic events
16:30-16:45	<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
16:45-17:00	<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
17:00-17:15	<u>LU Feng</u> , TAYLOR David, REID Chris, ABDELBAĞI 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
17:15-17:30	<u>HEIMHOFER Ulrich</u> , WUCHERPFENNIG 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		
PP2-I8	<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)
PP2-I9	<u>BAK Marta</u> , BAK Krzysztof	Radiolarian responses to paleoceanographic regime in the Pieniny Klippen Belt Basin of northern Western Tethys during the Late Jurassic
PP2-J1	<u>BOMQU Brahimsamba</u> , ARNAUD-VANNEAU Annie, ADATTE Thierry	Large benthic foraminifera biotic responses during OAE2 : the Guerrero-Morelos carbonate platform, Mexico
PP2-J2	<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
PP2-J3	<u>CHAUDHURI Angana</u> , ARORA Ashwin, BANERJEE Santanu	Physico-chemical characteristics of a Kimmeridgian black shale: Jhurana Formation, Western India
PP2-J4	<u>CHENOT Élise</u> , DECONINCK Jean-François, PUCÉAT Emmanuelle, PELLENARD Pierre, GUIRAUD Michel, JAUBERT Maxime, JARVIS Ian, THIBAUT 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
PP2-J5	<u>COLOMBIÉ Claude</u> , REBOULET Stéphane, GIRAUD Fabienne, DECONINCK Jean-François, SPANGENBERG Jorge	Characterization and stratigraphic correlation of the MCE1 in SE France

GUILLAUMET 2 (Tuesday 10th)

PP2-J6	<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
PP2-J7	DEVILLE DE PERIERE Matthieu, <u>PELLENARD Pierre</u> , THIBAUT 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
PP2-J8	<u>DUARTE Luis Vitor</u> , SILVA Ricardo Louro, MENDONÇA FILHO João Graciano, AZERÉDO 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
PP2-J9	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)
PP2-J10	<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
PP2-J11	<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
PP2-J12	<u>FRANCESCHI Marco</u> , PRETO Nereo, DAL CORSO Jacopo, COBIANCHI Miriam	Rise in abundance of Schizosphaerella spp. after the S-P Event (Sinemurian-Pliensbachian, Early Jurassic, Southern Alps)
PP2-K1	FRESLON Nicolas, <u>PUCÉAT Emmanuelle</u> , ABRAMOVITCH Sigal, ASHKENAZI-POLIVODA Sarit, CAPPETTA 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)
PP2-K2	GROSHENY Danièle, <u>FERRY Serge</u> , LÉCUYER Christophe	Cenomanian-Turonian Boundary Event bounded by two tectonic pulses, large-scale sequence stratigraphy approach shows
PP2-K3	<u>GUO Chen</u>	Biomarker and inorganic geochemistry of Cretaceous carbonate-bearing mudstone from Jiuquan Basin, northwestern China: Implications for their origin and paleoenvironment
PP2-K4	<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
PP2-K5	<u>HAUPT T'Nielle</u> , BORDY Emese	Palaeoenvironmental change in the Hettangian to Toarcian continental Karoo strata in Moyeni, Quthing District, southwestern Lesotho
PP2-K6	<u>HUCK Stefan</u> , SCHMITT Katharina, GARCÍA Barrera Pedro, IMMENHAUSER Adrian	Westernmost proto-North Atlantic neritic archives of Barremian-Aptian environmental change
PP2-K7	<u>HUETER Alexander</u> , BODIN Stéphane, HUCK Stefan, IMMENHAUSER Adrian	Exploring the controls of Early Aptian Tethyan and proto-Atlantic reefal palaeoecology turnover
PP2-K8	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
PP2-K9	<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
PP2-K10	<u>THIBAUT Nicolas</u> , 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
PP2-L1	<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)
PP2-L2	<u>WANG Jianpeng</u> , REDFERN Jonathan, TAYLOR Kevin, BULOT Luc	Controls on the source rock development during Cenomanian-Turonian oceanic anoxic event in Morocco
PP2-L3	<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
PP2-L7	<u>ZHAO Yanpu</u> , WANG Hua, CAO Haiyang, SUN Ming	The sedimentary study of Mesozoic stratum in Chaoshan Depression, northern South China Sea
PP2-L8	<u>ZIEBA Krzysztof</u> , FELIX Maarten	The Early Cretaceous depositional environments in the Barents Sea; a stochastic modelling approach in StoRM software
PP2-L9	<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

SPOT (Tuesday 10th)

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		
Chairmen: Tristan EUZEN (IFP Technologies, CAN), François BAUDIN (University of Paris VI, FRA), Vincent CROMBEZ (IFP Energies Nouvelles, FRA)		
10:30-10:45	SUAREZ-RUIZ Isabel, JULIAO Tatiana, MARQUEZ Robert, RUIZ Begoña	Organic indices to characterize the maturity of some shale oil resource systems: a case study
10:45-11:00	LIU Keyu, LIU Chang, XI Kelai, CAO Yingchang, WANG Xiaoqi, ZHU Rukai	Chemo-sedimentary facies analysis: an innovative approach for characterizing fine-grained sedimentary rocks
11:00-11:15	HARRIS Nicholas, 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
11:15-11:30	EUZEN Tristan, MOSLOW Thomas F., CAPLAN Mark	The Montney Play of Western Canada: Deposition to Development
11:30-11:45	GUO Kunzhang, 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
11:45-12:00	RUTMAN Philippine, 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	CAO Zheng, LIN Chengyan, REN Lihua	Mineral dating and the impact of mantle-derived CO ₂ charging on the reservoir quality of the Low Cretaceous Quantou Formation tight sandstones in the southern Songliao Basin, China
SR2-A20	CHEN Jing, WANG Guiwen, LAI Jin	Sweet spot prediction in tight oil reservoirs based on petrophysical facies
SR2-A21	DAI Rong, LUO Shunshu, 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	DONG Chunmei, MA Cunfei, LUAN Guoqiang, LIN Chengyan, SUN Xiaolong, LIU Xiaocen	The characteristics and model of primary migration for shale oil
SR2-A23	DESCHAMPS Rémy, OMODEO-SALE Silvia, CHAUVEAU Benoît, 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	GUO Kunzhang, 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	KEVIN Taylor, 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	LI Na, ZHANG Jinliang, XU Guangchen	Methodology integration: prediction of source rocks
SR2-A27	LI Qing	Reservoir characteristics and control factors of tight lacustrine carbonate reservoirs in Shulu Sag of Bohai Bay, China
SR2-B1	LI Tingwei, 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	OMODEO-SALÉ Silvia, DESCHAMPS Rémy, MICHEL Pauline, CHAUVEAU Benoît, SUÀREZ-RUIZ Isabel	Depositional environments and composition controlling factors of coal and carbonaceous shales deposits: the Mannville Group, WCSB (Alberta, Canada)
SR2-B3	SHAO Xinhe, XIONGQI Pang, FUJIE Jiang	Pore structure characterization of tight gas sandstones using NMR and IPMI experiments
SR2-B4	RAVIER Edouard, MARTINEZ Mathieu, ZANELLA Alain, LARMIER Salomé	An orbital control on beef distribution in mature source rock? (Vaca Muerta Formation, Neuquén Basin, Argentina)
SR2-B5	WEI Wang	Rock types and characteristics of tight reservoir in Shahezi Formation, Longfengshan subsag, China

SR2-B6	<u>JU Meixin</u> , 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
SR2-B7	<u>ZANG Dongsheng</u> , BAO Zhidong, WANG Simin	Sedimentary characteristics of oil shales of the fault-depression Lake Basin: a case study on Jianchang basin in China
SR2-B8	<u>ZHANG Qin</u> , 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
SR2-B9	<u>ZHOU Zhenglong</u> , 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

Convenors 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, FRA), El Hassane CHELLAI (UCA, MAR)

Oral presentations

Chairmen: Olivier PARIZE (AREVA, FRA), El Hassane CHELLAI (UCA, MAR)

14:30-14:45	<u>EVENSTAR Laura</u> , 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	<u>FERNANDEZ-MORT Alberto</u> , RIQUELME Rodrigo, ALONSO-ZARZA Ana María, CAMPOS Eduardo	Role of evapoconcentration in sediment-hosted exotic-Cu mineralization, Atacama Desert, Chile
15:00-15:15	<u>EL BAMIKI Radouan</u> , SERANNE Michel, CHELLAI El Hassane, MERZERAUD Gilles, MARCHAND Émilie	Sedimentology and sequence stratigraphy of phosphate-bearing deposits across the High Atlas of Morocco
15:15-15:30	<u>RALLAKIS Dimitrios</u> , 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

Poster presentations

SR1-A28	<u>CAMPOS Eduardo</u> , MENZIES Andrew, FERNANDEZ-MORT Alberto, RIQUELME Rodrigo	Variations on fluid chemistry during the formation of Cu-exotic deposits revealed by banding textures of chrysocolla
SR1-A29	<u>CHELLAI El Hassane</u> , RHALMI Mohamed, ALMOUDANE INTAKARBAYT Arali	Two examples of ore geology in sedimentary realm from Morocco: the manganese and phosphorites deposits
SR1-A30	<u>HOU Haihaj</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
SR1-A31	<u>LAURENT Dimitri</u> , LOPEZ Michel, CHAUVET Alain, SAUVAGE Anne-Charline, BUATIER Martine, SPANGENBERG Jorge	Seismic valve as the main mechanism for sedimentary fluid entrapment within extensional basin: example of the Lodève Permian Basin (Hérault)
SR1-A32	<u>MUÑOZ Sebastián</u> , 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
SR1-B10	<u>PIZARRO Hector</u> , 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
SR1-B11	<u>RIQUELME Rodrigo</u> , CAMPOS Eduardo, CARRETIER 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
SR1-B12	<u>RUEBSAM Wolfgang</u> , SCHWARK Lorenz	Multiple alterations of the trace metal inventory in Permian Kupferschiefer deposits by chemically distinct fluids
SR1-B13	<u>YAO Zongquan</u>	Ephemeral stream evolution and controlling factors: a case study of the Middle-Upper Jurassic in the southern Junggar Basin, Northwest China

SPOT (Tuesday 10th)

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		
Chairmen: Tristan EUZEN (IFP Technologies, CAN), François BAUDIN (University of Paris VI, FRA)		
16:00-16:15	KRIM 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
16:15-16:30	MENG 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
16:30-16:45	CROMBEZ Vincent, ROHAIS Sébastien, BAUDIN François, EUZEN Tristan	Organic matter distribution in the Montney and Doig Formations : insight from a multidisciplinary study
16:45-17:00	Li Tingwei, 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
17:00-17:15	FELDMAN-OSZEWSKA 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)
17:15-17:30	CHAUVEAU Benoit, 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)

ARGOS (Tuesday 10th)

CSP7 PaleoHazards		
Convenors Emmanuel CHAPRON (University of Toulouse II GEODE, FRA), Geoffroy LAMARCHE (NIWA, NZL), Jean-Luc SCHNEIDER (EPOC Bordeaux, FRA), Flavio ANSELMETTI (University of Bern, CHE)		
Oral presentations		
Chairmen: Emmanuel CHAPRON (University of Toulouse II GEODE, FRA), Geoffroy LAMARCHE (NIWA, NZL), Jean-Luc SCHNEIDER (EPOC Bordeaux, FRA)		
10:30-11:00	POLONIA Alina, NELSON C. Hans, VAIANI Stefano C., ROMANO Stefania, COLIZZA Ester, GASPAROTTO Giorgio, GASPERINI Luca	SESSION KEYNOTE: Calabrian Arc and AD 365 Crete earthquake seismoturbidites in the Ionian Sea
11:00-11:15	SEIBERT Chloé, MORENA Pierre, FEUILLET Nathalie, BECK Christian, RATZOV Gueorgui, SAINT-ONGE Guillaume, MORENO Eva, GOLDFINGER Christopher, PATTON Jason, BOUCHET Olivia, CATTANEO Antonio, LECLERC Frédérique, JACQUES Éric, SAUREL Jean-Marie, WOERTHER Patrick, GUYARD Hervé, BEAUVAIS Quentin, BENÂTRE Gaëlle, BIBER Arthur	Long term recurrence of deeply ponded thick homogenites in Lesser Antilles forearc (CASEIS Campaign): imprint of strongest subduction earthquakes and associated tsunamis?
11:15-11:30	LAMARCHE Geoffroy, ORPIN Alan, BARNES Philip, HOWARTH Jamie, POUDEROUX Hugo, MOUNTJOY Joshu, PATTON Jason	Searching for great earthquake records from rupture of the Hikurangi subduction plate interface using turbidite paleoseismology
11:30-11:45	RIOU Briec, CHAUMILLON Éric, SCHNEIDER Jean-Luc, CHAGUÉ-GOFF Catherine, WALSH John-Patrick	Sediment fill and tsunami deposits in the Pago Pago Bay, Tutuila Island, American Samoa
11:45-12:00	MOERNAUT Jasper, MOLENAAR Ariana, WIEMER Gauvain, MCHUGH Cecilia, VAN DAELE Maarten, KOELLING Martin, DE BATIST Marc, STRASSER Michael	Earthquake-triggered remobilization of surficial slope sediments in lakes and ocean margins: identification and significance
Poster presentations		
CSP7-C19	BABONNEAU Nathalie, CATTANEO Antonio, RATZOV Gueorgui, DEVERCHÈRE Jacques, SI BACHIR Roza, YELLES Karim	Holocene turbidite paleoseismology along the Algerian margin: a synthesis
CSP7-C20	BAUMANN Juliette, CHAUMILLON Éric, SCHNEIDER Jean-Luc, JORISSEN Frans, SAURIAU Pierre-Guy, RICHARD Pierre, BONNIN Jérôme, SCHMIDT Sabine	Contrasted styles of marine flooding sediment record related to wave exposure
CSP7-C21	SEIBERT Chloé, FEUILLET Nathalie, RATZOV Gueorgui, BECK Christian, CATTANEO Antonio	Morphology and current distribution of the Lesser Antilles forearc sediments: implication for paleo-seismic records

ARGOS (Tuesday 10th)

CSP7-C22	<u>CHAPRON Emmanuel</u> , FOUCHER Anthony, DEBRET Maxime, DESMET Marc, ARIZTEGUI Daniel, VILLAROSA Gustavo	How far can we track the impact of major subduction earthquakes in Northern Patagonia from Holocene marine and lacustrine sediment records?
CSP7-C23	<u>CROUZET Christian</u> , SABATIER Pierre, WILHELM Bruno, DEMORY François, BECK Christian	Magnetic characterization of instantaneous sedimentary deposits: examples from alpine lakes
CSP7-C24	LECLERC Priscilla, <u>DUCASSOU Emmanuelle</u> , ZARAGOSI Sébastien, ELLOUZ-ZIMMERMANN Nadine	Sedimentary processes into fault-related basins off western Haïti
CSP7-C25	MONTEIL Clément, <u>GREBERT Benoit</u> , BLET Simon, DUCASSOU Emmanuelle, MULDER Thierry, ROMAO Thibault, SEIBERT Chloé, FEUILLET Nathalie	Turbiditic sedimentation into the basins offshore Lesser Antilles (Martinique and Kalanina basins)
CSP7-C26	<u>EMMANUEL Laurent</u> , VILLEMANT Benoit, LE FRIANT Anne, CARON Benoit, GUYARD Hervé, BOUDON Georges, LABOURDETTE Nathalie	Dating late Quaternary volcanic events using high resolution oxygen isotope stratigraphy from IODP drilling core U1397A (Lesser Antilles Arc)
CSP7-C27	<u>GALLEGO MONTOYA John</u> , RENDÓN Rivera Albeiro, VALLA Pierre, ANSELMETTI Flavio	Sedimentological evidence for recent tectonic activity in the Interandean Cauca River Canyon (Western Colombia)
CSP7-C28	<u>GAVRILOV Yuri</u>	Sedimentary records of paleoearthquakes in the Mesozoic-Cenozoic terrigenous sequences of the northern Caucasus
CSP7-C29	<u>GLAUS Nicole</u> , VOGEL Hendrik, ANSELMETTI Flavio	Flood-event reconstruction in Alpine Lake Grosse See (Flumserberg, Switzerland)
CSP7-C30	<u>LAMAIR Laura</u> , HUBERT-Ferrari Aurélie, 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
CSP7-D1	<u>MIRAMONTES Elda</u> , GARZIGLIA Sebastien, SULTAN Nabil, JOUET Gwenaél, CATTANEO Antonio	Morphological control of slope instability in contourites: a geotechnical approach
CSP7-D2	<u>MIRAMONTES Elda</u> , SULTAN Nabil, GARZIGLIA Sebastien, JOUET Gwenaél, CATTANEO Antonio	Altered volcanic deposits as basal failure surfaces of submarine landslides
CSP7-D3	<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
CSP7-D4	<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
CSP7-D5	<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
CSP7-D6	<u>PISARSKA JAMROZY Malgorzata</u> , VAN LOON Antonius	Palaeoearthquake traces in Pleistocene lacustrine sediments (Baltic Sea Basin)
CSP7-D7	<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
CSP7-D8	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)
CSP7-D9	<u>SZCZUCIŃSKI Witold</u>	Grain size of tsunami deposits - a critical review
CSP7-D10	<u>VAN VLIET-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
CSP7-D11	<u>VAN VLIET-LANOE Brigitte</u> , SCHNEIDER Jean-Luc, GUILLOU Hervé, BERGERAT Françoise, CAVAILHES Thibault, ALLEMAND Pascal, GUDMUNDSSON Agust, CHAZOT Gilles, LIORZOU Céline, GRANDJEAN Philippe, PASSOT Sophie	Tectonism and volcanism forced by glaciation and deglaciation events in southern Iceland

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 GHIENNE (EOST Strasbourg, FRA), Dan LE HERON (Royal Holloway University, London, GBR), Graham SHIELDS (University College London, GBR)

Oral presentations

Chairmen: Pierre DIETRICH (Univ. of Johannesburg, RSA), Graham SHIELDS (University College London, GBR), Magali DELMAS (University of Perpignan-Via Domitia, FRA)

14:30-14:45 LE HERON Daniel, VANDYK Thomas, TOFAIF Saeed Distinguishing glacial from non-glacial diamictites in the ancient record: some Cryogenian examples

14:45-15:00 ZHOU Chuanming, LANG Xianguo Sturtian glacial deposition in the Yangtze block of South China

15:00-15:15 LANG Xianguo, SHEN Bing, ZHOU Chuanming Dynamic ice sheets during the Marinoan glaciation: evidence from the Nantuo Formation in the Yangtze Block, South China

15:15-15:30 RIEDMAN Leigh Anne, SADLER Peter Global species richness record of the early to middle Neoproterozoic

Chairmen: Pierre DIETRICH (Univ. of Johannesburg, RSA), Graham SHIELDS (University College London, GBR), Magali DELMAS (University of Perpignan-Via Domitia, FRA)

16:00-16:15 HERMANOWSKI Piotr, PIOTROWSKI Jan A. Diversified internal composition of drumlins in the Stargard drumlin field, NW Poland and its implications for the subglacial processes

16:15-16:30 DIETRICH Pierre, GHIENNE Jean-François, DESCHAMPS Rémy, LAJEUNESSE Patrick, NORMANDEAU Alexandre, RAZIN Philippe Deglacial sequences and glacio-isostatic rebounds: Quaternary vs. Ordovician glaciations

16:30-16:45 DAVISON Stephen The Late Devonian glaciation on the West Shetland margin: possible pitfalls in a sequence stratigraphic approach to interpretation

16:45-17:00 SABINE Marijolaine, SEIBERT Chloé, ZARAGOSI Sébastien, EYNAUD Frédérique, MARCHES Elodie, GARLAN Thierry Sedimentary history of the Barents Sea for the last 40 ka cal BP

17:00-17:15 RISE Leif, OTTESEN Dag, CHAND Shyam Large-scale erosion and deposition during the last glacial-interglacial cycles on the Mid Norwegian margin

17:15-17:30 CROUZET Christian, BIÈVRE Grégory, SCHOENEICH Philippe, SCHWENNINGER Jean-Luc, NICOUUD 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 Jyotiranjana 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 Régis, 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 11th



Wednesday 11th							
	Amphitheatre	Cassiopée	Guillaumet 1	Guillaumet 2	Spot	Argos	
8:00	Coffee						
8:30	Guillocheau et al.	Denniellou et al.	Cunnigham et al.	Vinciguerra et al.	Michel et al.	Maillet et al.	
8:45	Stutenbecker et al.	Fierens et al.	Jatiaux et al.	Ford et al.	Riera et al.	Van Den Belt & de Boer	
9:00	Caillaud et al.	Tian et al.	Kamaldeen & Johans	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	Poyatos More et al.	Haughton	Adams et al.	Angrand et al.	Caline et al.	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	Invited Keynote: Rachel Wood						
13:30	Invited Keynote: Rachel Wood						
14:00	Invited Keynote: Rachel Wood						
14:30	Burgess & Kozlowski	Silva Jacinto & Cartig	Kolchugin et al.	Herbig	Tremblin et al.	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	Molliex et al.	Alves	Pederson et al.	Grimaud et al.	Gillot & Cojan	Al Suwaidi et al.	
15:30	Coffee Break						
16:00	Jermannaud et al.	Augustsson et al.	Tugarova	Leleu et al.	Betzler & Eberli	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 & Rodrigue	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	Session posters in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1						
18:00	Session posters in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1						
18:30	Session posters in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1						
19:00	Session posters in the hall Caravelle: CB2, CB3, CSP2, CSP5, FSD2, FSD3, PP1, PP3, PP5, RTS1, RTS2, SB1, SS1						
19:30	Gala Diner						

AMPHITHEATRE SAINT EXUPÉRY (Wednesday 11th)

Plenary Session

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

Keynote lecture

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

AMPHITHEATRE SAINT EXUPÉRY (Wednesday 11th)

SS1 OPEN SESSION ON SOURCES AND SINKS

Convenors

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

Oral presentations

Chairmen: Stéphane BONNET (University of Toulouse III - GET, FRA), Sébastien CASTELLTORT (University of Geneva, CHE)

08:30-08:45	<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
08:45-09:00	<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
09:00-09:15	<u>CAILLAUD Alexis</u> , QUIJADA Melesio, REYNAUD Jean-Yves, RIBOLLEAU 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
09:15-09:30	<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)
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	<u>RABINEAU Marina</u> , 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, MOKEDDEM Zohra, LE ROY Pascal, VARELA Guerra Josefa, SILVA Cleverson Guízan	Shelf-canyon connections on the Maranhão margin, north-east Brazil, offshore São Luis: early results from the SHEOPS cruise (May-June 2017)
Chairmen: Sébastien CASTELLTORT (University of Geneva, CHE), Laure GUÉRIT (University of Toulouse III - GET, FRA),		
10:30-10:45	<u>POYATOS More 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 Corça-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
Chairmen: Cedric JOHN (Imperial College, GBR), Daniel GARCIA-CASTELLANOS (ICTJA - CSIC in Barcelona, ESP)		
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 (Dionisoflow): 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 Dionisoflow
15:15-15:30	<u>MOLLIEUX 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

AMPHITHEATRE SAINT EXUPÉRY (Wednesday 11th)

Chairmen: Sébastien ROHAIS (IFP Energies Nouvelles (FRA), Daniel GARCIA-CASTELLANOS (ICTJA - CSIC in Barcelona, ESP)		
16:00-16:15	<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
16:15-16:30	<u>PELLAN Cédric</u> , FONTANELLI Laurent	Complete petroleum systems assessment at passive margin scale using forward stratigraphic modeling and possible associated source rocks characterization
16:30-16:45	<u>DULLER Robert</u> , ARMITAGE John, DUNKLEY-JONES Tom, MANNERS Hayley, GRIMES Stephen	Delayed response in sediment calibre during the PETM in northern Spain
16:45-17:00	<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
17:00-17:15	<u>PLINK-BJÖRKLUND Piret</u> , JONES Evan, HANSFORD Mark	Significance of river hydrological regime in source to sink analyses
17:15-17:30	<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		
SS1-A1	<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
SS1-A2	<u>AGUILAR German</u> , ROSSEL Katia	Incision of channels stimulated by unconsolidate gravels supply as stream sediments in arid valley of Chile
SS1-A3	<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
SS1-A4	<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)
SS1-A5	<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
SS1-A6	<u>CARAVACA Gwénaél</u> , BRAYARD Arnaud, VENNIN Emmanuelle, GUIRAUD Michel, LE POURHIET Laetitia, THOMAZO Christophe, GROSJEAN Anne-Sabine, OLIVIER Nicolas, FARA 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
SS1-A7	<u>CARRETIER Sébastien</u> , REGARD Vincent, LEANNI Laetitia	The size-dependent transport rate of coarse sediment determined using 10Be in distinct pebbles of the Aroma canyon (Atacama, Chile)
SS1-A8	<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
SS1-A9	<u>COJAN Isabelle</u> , BEUCHER Hélène, DELEPLANQUE Benoît	Comparison of the erosional and depositional patterns during the Late Saalian and Weichselian from a sediment budget estimation along the Seine River (la Bassée)
SS1-A10	<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
SS1-A11	<u>D'ELIA Leandro</u> , BILMES Andrés, VARELA Augusto, BUCHER Joaquín, LOPEZ Manuel, GARCIA Micaela, FUNES Daniela, FRANZESE Juan	Distinguishing environmental signals in a syn-orogenic, volcanoclastic to erosional engine sediment routing system: a case study from the Patagonian Foreland, Argentina
SS1-A12	<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
SS1-A13	<u>DELMAS Magali</u> , MANEL Camille, CALVET Marc, GUNNELL Yann, 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
SS1-A14	<u>DURAND Matthieu</u> , MOJTAHID Meryem, MAILLET Grégoire, MURAT Anne, BALTZER Agnès, SCHMIDT Sabine, BLET Simon, GARLAN Thierry, MARCHÈS Elodie, HOWA Hélène	Late Holocene record from the Loire incised valley (Bay of Biscay): insights into regional vs global climate forcing factors
SS1-A15	<u>FELLETTI Fabrizio</u> , MARINI Mattia, COMUNIAN Alessandro	Alternative geostatistical approaches to model alluvial deposits using large subsoil data repositories: the Porto Marghera case study (Venice, NE Italy)

AMPHITHEATRE SAINT EXUPÉRY (Wednesday 11th)

SS1-A16	<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
SS1-A17	<u>GUERIT</u> Laure, YUAN Xiaoping, BRAUN Jean, ROUBY Delphine	Limited impact of climatic changes on sedimentary systems
SS1-A18	<u>HEMELSDAËL</u> Romain	Paleogeographic reconstructions of river systems during the early Corinth rift evolution (Greece)
SS1-A19	<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
SS1-A20	<u>HOYANAGI</u> Koichi, <u>KAKUBARI</u> Yuri	Shelf margin growth response to Pleistocene glacioeustasy in Canterbury Basin, offshore New Zealand
SS1-A21	<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
SS1-A22	<u>JIN</u> Jiehua, CAO Yingchang, WANG Yangzhong, YANG Tian	The distribution pattern of fan delta controlled by source-to-sink system of Jurassic in the Chepaizi area, Junggar Basin, China
SS1-A23	<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 (Eparses Islands, SW Indian Ocean) reconstructed by numerical stratigraphic modeling - preliminary results
SS1-A24	<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
SS1-A25	<u>MELLERE</u> Donatella, <u>POYATOS-MORÉ</u> Miquel	Unravelling tectono-stratigraphic signals in an upper Eocene alluvial succession: la Pobra de Segur basin (south-central Pyrenees, Spain)
SS1-A26	<u>MOUSSIROU</u> Bérangé, <u>BONNET</u> Stéphane	Experimental evidences of modulation of erosion rates of uplifting landscapes by long-term climate change
SS1-A27	<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
SS1-A28	<u>PAQUET</u> Fabien, <u>THINON</u> Isabelle, <u>LASSEUR</u> Éric	One network may hide others ? toward a comprehensive scenario for neogene superimposed valley networks along the English Channel
SS1-A29	<u>PELLEN</u> Romain, <u>ASLANIAN</u> Daniel, <u>RABINEAU</u> Marina, <u>GORINI</u> Christian, <u>LEROUX</u> Estelle, <u>RUBINO</u> Jean-Loup, <u>BLANPIED</u> Christian, <u>SUC</u> Jean-Pierre, <u>SILENZIARIO</u> Carmine	Contribution of a multi-scale study from deep to surface process: Examples from the Ebro paradox
SS1-A30	<u>PERRON</u> Paul	Control of basement heterogeneity on the sedimentary architecture in low rate subsidence intracratonic Palaeozoic basins: Example of Ahnet and Mouydir basins
SS1-A31	<u>POUDEROUX</u> Hugo, <u>PROUST</u> Jean-Noël, <u>GRANJEON</u> Didier	Stratigraphic modelling of Miocene compound clinoforms of the New Jersey shallow continental shelf
SS1-A32	<u>ROBIN</u> Cécile, <u>PONTE</u> Jean-Pierre, <u>GUILLOCHEAU</u> François, <u>DALL'ASTA</u> Massimo	Sink measurement of the Zambezi system (delta to deep-sea fan): a record of the East African Rift uplift and associated climate changes
SS1-B1	<u>SHANG</u> Xiaoxu, <u>SHAO</u> Longyi, <u>ZHANG</u> Wenlong, <u>LV</u> Jinggao, <u>WANG</u> Weichao, <u>LI</u> Yonghong, <u>HUANG</u> Man, <u>LU</u> Jing, <u>WEN</u> Huaijun	Sequence-paleogeography and coal Accumulation of the Early-Middle Jurassic in central Qilian Mountain belt (Muli Basin), Qinghai Province, NW China
SS1-B2	<u>SHEN</u> Wenchao, <u>SHAO</u> Longyi, <u>TIAN</u> Wenguang, <u>SUN</u> Bin, <u>CHEN</u> Fei, <u>CHEN</u> Gang, <u>LU</u> Jing	Sequence stratigraphy, lithofacies paleogeography and coal accumulation of a paralic gentle slope basin: a Case study from Wuwei Basin
SS1-B3	<u>SIMON</u> Brendan, <u>ROBIN</u> Cécile, <u>ROUBY</u> Delphine, <u>GUILLOCHEAU</u> François, <u>BRAUN</u> Jean, <u>GOUT</u> Claude, <u>CORNU</u> Tristan	Passive margin stratigraphy for numerical models calibration: coefficient of diffusion measurement in the Ogooué Delta (Gabon)
SS1-B4	<u>SMYRAK-SIKORA</u> Aleksandra, <u>JOHANNESSEN</u> Erik P., <u>OLAUSSEN</u> Snorre, <u>BRAATHEN</u> Alvar	Fault-growth impacting early-rift fluvial deposits? Carboniferous Billefjorden Trough, Svalbard
SS1-B5	<u>SZCZUCIŃSKI</u> Witold, <u>DOMINICZAK</u> Aleksander, <u>APOLINARSKA</u> Karina, <u>FORWICK</u> Matthias, <u>GOSLAR</u> Tomasz, <u>MOSKALIK</u> Mateusz, <u>STRZELECKI</u> Mateusz, <u>WOSZCZYK</u> Michał	Climate driven variations in source to sink fluxes of sediment and carbon in a high Arctic fjord (Hornsund, Svalbard)
SS1-B6	<u>TAO</u> Jinyu, <u>ZHANG</u> Changmin, <u>QU</u> Jianhua	Roundness and sedimentary facies in a large fluvial fan from the Triassic Bai Formation, Junggar Basin, Xinjiang, China
SS1-B7	<u>TOBY</u> Stephan, <u>STRAUB</u> Kyle, <u>DE ANGELIS</u> Silvio, <u>DULLER</u> Robert	Transferring sediment supply signals to the fluvial stratigraphic record

AMPHITHEATRE SAINT EXUPÉRY (Wednesday 11th)

SS1-B8	<u>TOMASSETTI Laura</u> , PETRACCHINI Lorenzo, BRANDANO Marco, TOMASSI Andrea	3D-modelling of facies heterogeneity of a Chattian carbonate ramp (Salento, southern Italy)
SS1-B9	<u>VAN DER VEGT Helena</u> , STORMS Joep, WALSTRA Dirk-Jan	Variation in fluvial discharge on different timescales and its effect on delta stratigraphy
SS1-B10	<u>WANG Haoyu</u> , YE Lin, WANG Zhenqi	Simulation and 3D reconstruction of sandstone injectites
SS1-B11	<u>WU Heng</u> , Ji Youliang, GAO Chonglong, ZHOU Yuqi, Li 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
SS1-B12	<u>YUAN Xiaoping</u> , BRAUN Jean, GUERIT Laure, SIMON Brendan	Linking continental erosion and marine multi-lithology coupling transport and deposition: an application to the Ogooué Delta, Gabon
SS1-B13	<u>ZHANG Peng</u> , MEI Lianfu, NAJMAN Yani, MILLAR Ian, HU Xiaolin, LI Renyuan, WU Lulu, ZHICHAO Zhou, HUANING Qiu	Did the palaeo-Yarlung River flow into the Irrawaddy drainage in the Paleogene?
SS1-B14	<u>ZHU Xiaomin</u> , LI Shunli, QIANGHU Liu, ZHANG Zili, LI 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

CASSIOPÉE (Wednesday 11th)

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

Chairmen: Joris EGGENHUISEN (Utrecht University, NLD)

08:30-08:45	<u>DENNIELOU Bernard</u> , DROZ Laurence, BABONNEAU Nathalie, BONNEL Cédric, Jacq Céline, Picot Marie, LE SAOUT Morgane, SAOUT Yoan, BEZ Martine, OLU Karine, RABOUILLE Christophe	Morphology, structure, composition and build-up processes of the active channel-mouth lobe complex of the Congo deep-sea fan
08:45-09:00	<u>FIERENS Ruth</u> , DROZ Laurence, TOUCANNE Samuel, JORRY Stephan, RAISSON François	Late Quaternary to present sedimentation in the Zambezi Fan (Mozambique Channel)
09:00-09:15	<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
09:15-09:30	<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
09:30-09:45	<u>DOUILLET Guilhem</u> , KUEPPERS Ulrich, DINGWELL Donald	Pyroclastic density currents and subaqueous density currents: brothers in law(s)?
09:45-10:00	<u>FERRY Serge</u> , GROSHENY Danièle	From submarine scree fans to turbidites: case studies on conglomerate/calcarene systems in S-E France
Chairmen: Matthieu CARTIGNY (Durham University, GBR)		
10:30-10:45	<u>HAUGHTON Peter</u>	Variable rheology in sediment gravity flows from mixed clastic-carbonate systems ? the Calp of the Dublin Basin, Ireland
10:45-11:00	<u>HERMIDAS Navid</u> , EGGENHUISEN Joris, SILVA JACINTO Ricardo, LUTHI Stefan, TÓTH Ferenc, POHL Florian	A classification of clay-rich subaqueous density flow structures
11:00-11:15	<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
11:15-11:30	<u>JOSEPH Philippe</u> , TELES Vanessa, MIGEON Sébastien	CATS: a process-based numerical model for turbidite systems applied to the 1979 Nice turbidity event
11:30-11:45	<u>LE GOFF Johan</u> , SLOOTMAN Arnoud, REIJMER John, CERPEI Adrian, LOISY Corinne, SWENNEN Rudy	Ancient carbonate slope systems: an example from the Late Cretaceous of Albania
11:45-12:00	<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

GUILLAUMET 1 (Wednesday 11th)

Chairmen: Guilhem DOUILLET (Ludwig-Maximilians-Universität, Munchen, DEU)		
14:30-14:45	<u>SILVA JACINTO Ricardo</u> , CARTIGNY Matthieu	Hindering settling as a generic process to trigger turbidity currents
14:45-15:00	<u>SLOOTMAN Arnoud</u> , CARTIGNY Matthieu, REIJMER John	Coarse-grained carbonate (heterozoan) density flows: Inferred differences with siliciclastic counterparts based on field observations
15:00-15:15	<u>WARRATZ Grit</u> , HENRICH Rüdiger, VOIGT Ines, CHIESSI Cristiano, KUHN Gerhard, LANTZSCH Hendrik	The influence of deep southern component water on sediment dynamics at the Argentine continental margin
15:15-15:30	<u>ALVES Tiago</u>	Submarine slide blocks: three-dimensional structures with impact on seal competence
Poster presentations		
CSP5-B19	<u>DENNIELOU Bernard</u> , 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	<u>DROZ Laurence</u> , JÉGOU Isabelle, GILLET Hervé, DENNIELOU Bernard, RABINEAU Marina, PICOT Marie	On the termination of fan channels: examples from the Rhône fan (Gulf of Lion, Western Mediterranean)
CSP5-B21	<u>POUDEROUX Hugo</u> , 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	<u>DAYNAC Jimmy</u> , <u>SABINE Marjolaine</u> , 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	<u>WEI Wang</u>	Genetic types and distribution of deep-water gravity flows in southern Changling fault-basin during rift expansion
CSP5-B24	<u>AMBLAS David</u> , SILVA Jacinto Ricardo, GERBER Thomas	Erosion and sediment transport by dense shelf water cascades
CSP5-B25	<u>BARUFFINI Luca</u> , PAPANI Lorenzo	An introduction to the physical stratigraphy and facies of the Upper Cretaceous Helminthoid Flysch, Western Alps and NW Apennine
CSP5-B26	<u>RUSSO Séverine</u> , BERNÉ Serge, BASSETTI Maria-Angela, DENNIELOU Bernard, JOUET Gwenael	Sediment waves from shelf-edge deltas in the Gulf of Lion (NW Mediterranean Sea)
CSP5-B27	<u>BOULESTEIX Kévin</u> , 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	<u>BROCHERAY Sandra</u> , 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	<u>CARNEVALE Marco</u> , 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
CSP5-B30	<u>CATTANEO Antonio</u> , RIBOULOT Vincent, JOUET Gwenael, LEMPREUR Clément, SCALABRIN Carla, Marsset Tania, LE ROY Pascal, DROZ Laurence, DEVILLE Éric, CAUQUIL Éric	Submarine landslides impact on the morphology of the Mozambique continental margin
CSP5-B31	<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
CSP5-B32	<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
CSP5-B33	<u>DOUILLET Guilhem</u>	Confined zone of slumped and deformed beds on the Northern Ecuadorian coast, the signature of proximal turbidity current onset?
CSP5-B34	<u>GAN Yuqian</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 clinofolds, Jurassic Neuquén Basin, Argentina
CSP5-B35	<u>GUSHCHINA Mariia</u> , MOISEEV Artem, TUCHKOVA Marianna	Jurassic-Cretaceous tuff-sandstones of the Ust-Belsky Mountains: composition, genesis, sources

CSP5-C1	<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, HIZZETT Jamie, AZPIROZ Maria, VELLINGA Age	First direct field observations connecting supercritical turbidity current processes to their products
CSP5-C2	WARRATZ Grit, <u>HENRICH Rüdiger</u> , SCHWENK Tilmann, VOIGT Ines, LANTZSCH Hendrik	Contourite induced turbidity current activity in the Mar del Plata Canyon (Argentina)
CSP5-C3	<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
CSP5-C4	<u>LIU Jianping</u> , XIAN Benzong, 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
CSP5-C5	<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)
CSP5-C6	<u>NORMANDEAU Alexandre</u> , CAMPBELL Calvin, CARTIGNY Matthieu	The influence of downslope and alongslope processes on deep-water supercritical flow bedforms (Eastern Canada)
CSP5-C7	PANTOPOULOS George, KNELLER Ben, GAMBERI Fabiano, KANE Ian, HANSEN Larissa, MCARTHUR Adam, KUCHLE 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
CSP5-C8	<u>PATTIER France</u> , ETIENNE Samuel, COLLOT Julien, PATRIAT Martin, ROEST Walter, TOURNADOUR Elsa, ROUILLARD 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
CSP5-C9	POPE Ed, JUTZELER Martin, <u>CARTIGNY Matthieu</u> , SHREEVE James, TALLING Peter, WRIGHT Ian, WYSOCZANSKI Richard	Origin of spectacular fields of submarine sediment waves around volcanic islands: how to distinguish eruption-fed supercritical flow bedforms from slope failures
CSP5-C13	GODLEWSKI Paweł, WENDORFF Marek, <u>PSZONKA Joanna</u>	Comparative observations on sedimentary characteristics and provenance indicators, including cathodoluminescence data, of Cergowa sandstones (Oligocene) from two localities in the Outer Carpathians of Poland
CSP5-C14	<u>XIAN Benzong</u> , LIU Jianping, DONG Yanlei, LU Zhiyong, HE Yanxin, WANG Junhui	Classification and facies sequence model of subaqueous debris flows
CSP5-C15	<u>ZHANG Jiajia</u> , WU Shenghe, JIANG 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
CSP5-C16	<u>VENDETTUOLI Daniela</u> , CLARE Michael, CARTIGNY Matthieu, TALLING Peter, HAGE Sophie, VELLINGA Age, WALTHAM Dave, HUGHES Clarke John	The stratigraphic incompleteness of submarine channels deposits

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

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

Oral presentations

Chairmen: Gert Jan WELTJE (University of Leuven, BEL), Sébastien BERTRAND (Ghent University, BEL)

16:00-16:15	<u>AUGUSTSSON Carita</u> , VOIGT Thomas, BERNHART Kristin, KREIßLER Marian, GAUPP Reinhard, GÄRTNER Andreas, HOFMANN Mandy, LINNEMANN Ulf	Zircon size-age sorting and source-area effect: the German Triassic Buntsandstein Group
16:15-16:30	<u>ZIMMERMANN Sebastian</u> , HALL Robert	Sedimentary provenance in the Banda arc: implications for tectonic evolution based on heavy minerals and zircon geochronology
16:30-16:45	<u>CHATTERJEE Anirban</u> , RAY Jyotiranjana	Provenance of Mid-Holocene sediments in the Great Rann of Kachchh, India: implications for fluvial scenario of Harappan civilisation
16:45-17:00	<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
17:00-17:15	<u>JACQ Kévin</u> , 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
17:15-17:30	<u>WELTJE Gert Jan</u> , BLOEMSMA Menno, GARZANTI Eduardo	Modelling of selective sorting for provenance and palaeoclimate analysis of sediments: an old problem revisited

Poster presentations		
CSP2-C10	<u>APOLINARSKA Karina</u> , 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
CSP2-C11	<u>APOLINARSKA Karina</u> , SZCZUCIŃSKI Witold, MOSKALIK Mateusz, DOMINICZAK Aleksander	Seasonal changes, spatial variability and origin of suspended organic matter in an Arctic fjord (Hornsund, Spitsbergen)
CSP2-C12	<u>CHEN Cheng</u> , ZHU Yixiang	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
CSP2-C28	<u>FARICS Éva</u> , KOVÁCS József, HAAS Janos	Application of descriptive and multivariate statistical analyses for interpretation of multiple depositional processes of Eocene basal conglomerates in the Buda Hills, Hungary
CSP2-C29	<u>FIELDING Laura</u> , NAJMAN Yani, MILLAR Ian	The evolution of the River Nile from Oligocene to recent times, as documented in the sedimentary record of the offshore Nile delta
CSP2-C30	<u>GHOLAMI ZADEH Parisa</u>	Geochemical composition of the Miocene sediments in Neyriz region, Iran: Implication for provenance
CSP2-C31	<u>LEE Yong Il</u> , CHOI Taejin, LIM Hyoun Soo	Sediment provenance of the Cretaceous Sindong Group, Gyeongsang Basin, Korea inferred from detrital zircon geochronology and its implications for paleodrainage
CSP2-C32	<u>LEWIN Anna</u> , MEINHOLD Guido, HINDERER Matthias, DAWIT Enkurie, BUSSERT Robert	Sediment provenance during two Gondwana glaciations in Ethiopia: Insights from petrography, geochemistry, and heavy minerals
CSP2-C33	<u>LIU Dawej</u> , BERTRAND Sébastien, DIJCK Toon, WELTJE Gert Jan	A first step towards reconstructing river discharge from major element geochemistry: relations between grain-size and sediment geochemistry in western Patagonian rivers
CSP2-C34	<u>MARCHAND Emilie</u> , SÉRANNE Michel, HUSSON Eglantine, VINCHES Marc, SALZE David	New biostratigraphy and single-detrital-zircon-dating constraints on the age and origin of allochthonous bauxite deposits of Languedoc (South of France): geodynamic consequences
CSP2-C35	<u>MORAG Navot</u> , AVIGAD Dov, GERDES Axel, ABBO Avishai	The origin of North Gondwana Cambro-Ordovician sandstones and their linkage to Pan-African orogeny: the detrital rutile side of the story
CSP2-C36	<u>NAUTON-FOURTEU Martin</u> , TYRRELL Shane	Assessing the influence of intermediate storage on sandstone composition
CSP2-D10	<u>ROBINSON Steven</u>	Tectonic erosion and subaqueous weathering: South China in the mid Neoproterozoic
CSP2-D11	<u>RODDAZ Martin</u> , ROUSSEAU Tristan, MOQUET Jean-Sébastien, CALVES Gérôme, BAYON Germain	Controls on the geochemistry of South American equatorial suspended sediments (Amazon, Orinoco and Maroni rivers)
CSP2-D12	<u>ROIJE Marta</u> , 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
CSP2-D13	<u>ROIJE Marta</u> , 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)
CSP2-D14	<u>ROQUETTE Emmanuel</u> , 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)
CSP2-D15	<u>TUCHKOVA Marianna</u> , SOKOLOV Sergey, MOISEEV Artem	Correlation of basal conglomerates of Paleozoic deposits of Wrangel island and paleogeographic reconstructions
CSP2-D16	<u>VERHAEGEN Jasper</u> , WELTJE Gert Jan	Re-analysis of legacy data for quantitative provenance studies: heavy-mineral assemblages of the Miocene North Sea basin
CSP2-D17	<u>COLL Xavier</u> , GÓMEZ-GRAS David, ROIJE Marta, TEIXELL Antonio, MESTRES Narcís	Heavy-mineral assemblages as provenance indicators in the Jaca basin (Middle-Late Eocene, Southern Pyrenees)
CSP2-D18	<u>YANG Xuan</u> , JI Hancheng	Relationships between sedimentary characteristics and morphological evolution and provenance

GUILLAUMET 1 (Wednesday 11th)

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

Chairmen: Aurélien GAY (University of Montpellier 2, FRA)

08:30-08:45	<u>CUNNINGHAM Kevin</u> , 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
08:45-09:00	<u>JATIAULT Romain</u> , LONCKE Lies, DHONT Damien	Regional seismic characterisation of the oil seeping province in the Lower Congo Basin
09:00-09:15	<u>KAMALDEEN Omosanya</u> , JOHANSEN Ståle	3D characterization and origin of hydrothermal pipes in the Vigrid Syncline, Norwegian North Sea
09:15-09:30	<u>OPPO Davide</u> , CAPOZZI Rossella	Unique spatial association of mud volcano and sandstone intrusions, Western Turkmenistan
09:30-09:45	<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
09:45-10:00	<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

FSD2-14	<u>FAY-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)
FSD2-15	<u>GAY Aurélien</u>	3D morphology and timing of a fossil pockmark: example in the SE basin of France
FSD2-16	<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
FSD2-17	<u>GUIASTRENNEC-FAUGAS Léa</u> , GILLET Hervé, CAVAILHES Thibault, MULDER Thierry	Morphologies, distribution, architectures and origin of giant pockmarks along the Blake Bahama escarpment
FSD2-18	<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
FSD2-19	<u>KAMALDEEN Omosanya</u> , JOHANSEN Ståle, ABRAHAMSON Peter	Vertical anomaly clusters (VACs) evidencing hydrocarbon leakage from Mesozoic source rocks in the Barents Sea
FSD2-110	<u>KOUIDRI HOUSNA Imène</u> , GAY Aurélien, BENAÏSSA Zahia, BERNDT Christian	Sub-seismic scale sand injectites identification using 3D seismic frequency attributes
FSD2-111	<u>Li Zhong</u> , YU Jingbo	Multistage fluid-rock interaction records in carbonate reservoirs controlled by structural evolution of Tarim basin, NW China
FSD2-112	<u>MARSSET Tania</u> , BALLAS Gregory, MARSSET 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)
FSD2-113	<u>ROELOFSE Chantelle</u> , ALVES Tiago, GAFFEIRA Joana	Large pipes in the Norwegian Central North Sea reveal fluid bypass through early Mesozoic successions
FSD2-114	<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), Benoit VINCENT (Cambridge Carbonates Ltd, GBR)

Oral presentations

Chairmen: Benoit VINCENT (Cambridge Carbonates Ltd, GBR), Youri HAMON (IFP Energies Nouvelles, FRA)

10:30-10:45	<u>ADAMS Arthur</u> , DIAMOND Larryn, ASCHWANDEN Lukas	Paradoxical dolomite ⁸⁷ Sr/ ⁸⁶ Sr increase with depth ? Seepage Reflux into Dense Groundwater
10:45-11:00	<u>ANDRIEU Simon</u> , BRIGAUD Benjamin, BARBARAND Jocelyn, LASSEUR Éric, HAURINE Frédéric, DELPECH Guillaume	The complex diagenetic history of discontinuities in shallow-marine carbonate rocks: new insights from in situ δ ¹⁸ O, δ ¹³ C and REE measurements by SIMS and LA-ICPMS-HR
11:00-11:15	<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
11:15-11:30	<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
11:30-11:45	<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
11:45-12:00	<u>IMMENHAUSER Adrian</u>	The deep frontier of carbonate diagenesis

Chairmen: Benjamin BRIGAUD (University of Paris-Sud, FRA), Renaud TOULLEC (UniLaSalle, FRA)

14:30-14:45	<u>KOLCHUGIN Anton</u> , IMMENHAUSER Adrian, WALTER Benjamin, MOROZOV Vladimir	Diagenesis of the palaeo-oil-water transition zone in a Lower Pennsylvanian carbonate reservoir
14:45-15:00	LEONIDE Philippe, <u>BITAUTL Hugues</u> , FOURNIER François, ROBINET Jérémy, ROUSSEAU Mathieu, HENNUY Jérôme	Influence of long term exposure surfaces on the origin, preservation and distribution of microporosity in shallow-water carbonates : the Barremian-Aptian platform from SE France
15:00-15:15	<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)
15:15-15:30	<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

Chairmen: Jean-Pierre GIRARD (TOTAL, FRA), Alberto RIVA (GEPlan Consulting, ITA)

16:00-16:15	<u>TUGAROVA Marina</u>	Carbonates as an indicators of superimposed fluidal process in black shale formations
16:15-16:30	<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
16:30-16:45	<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
16:45-17:00	<u>MEYER AURELIEN</u> , HOLLIS CATHY, RAVEN MADELEINE, DICKSON Tony	Calcite cementation along an oil-water contact, Middle East
17:00-17:15	<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
17:15-17:30	<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

FSD3-F20	<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
-----------------	--	---

GUILLAUMET 1 (Wednesday 11th)

FSD3-F21	<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)
FSD3-F22	<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
FSD3-F23	<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
FSD3-G1	<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
FSD3-G2	<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
FSD3-G3	<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)
FSD3-G4	<u>FAÏ-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?
FSD3-G5	<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
FSD3-G6	<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
FSD3-G7	<u>JABIR Adel</u> , CEREPi Adrian, LOISY Corinne, RUBINO Jean-Loup	Study of Paleozoic reservoir systems in the Ghadames and Jefarah basins
FSD3-G8	<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
FSD3-G9	<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
FSD3-G10	<u>KOLCHUGIN Anton</u> , IMMENHAUSER Adrian, WALTER Benjamin, ESKIN Aleksey	Burial dolomitization of Lower Mississippian reservoir rocks from the Volga-Ural basin, Russia
FSD3-G11	<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
FSD3-G12	<u>LIU Zihao</u> , WU Shenghe	Diagenesis and evolution of carbonate karst reservoir under tectonic unconformity? an example from Wanjiayang outcrop in Northern Sichuan basin
FSD3-H1	<u>LYU Qiqi</u> , LUO Shunshu, 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
FSD3-H2	<u>MAKHOLOUFI 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)
FSD3-H3	<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
FSD3-H4	<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
FSD3-H5	<u>MEYER Aurelien</u> , STEMMERIK Lars	Spatial distribution of porosity in North Sea Chalk, Denmark
FSD3-H6	<u>MOTTE Geoffrey</u> , HOAREAU Guilhem, GAUCHER Éric, CALLOT Jean-Paul, NICOL Yann, GISQUET Franck, GUY Laurent	Diagenesis of the Mesozoic carbonates of the northwestern Pyrenees: origin of dolomitization and brecciation
FSD3-H7	<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
FSD3-H8	<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
FSD3-H9	ROOK Peter, COMAS Xavier, CORELLA Juan, PELLICER Xavier, <u>SCHROEDER Stefan</u>	Petrophysical characterization of tufa mounds and their relation to acoustic properties, porosity and pore types (Isona Tufa Mound Complex, Spain)

GUILLAUMET 1 (Wednesday 11th)

FSD3-H10	<u>SAIAG Jessica</u> , COLLIN Pierre-Yves, SIZUN Jean-Pierre, HERBST Frédéric, CHATEAU SMITH Carmela, CALINE Bruno, LASSEUR Éric	Classification of chalk microtextures: sedimentary versus diagenetic origin
FSD3-H11	<u>SANTERRE Yannick</u> , PRAMUDYO Yuni, NACHIAPPAN Ramanathan, AL BAIRAQ Ahmed, AL-AMERI Ammar, BASIONI Mahmoud	Sedimentological and petrophysical analysis of the Lower Lekhwar of the UAE, reservoir quality and influence of matrix micro-cementation
FSD3-H12	SHAH Mumtaz, <u>AHSAN Naveed</u>	Fault-related dolomites associated with transtensional regimes: a comparative studies
FSD3-H13	<u>TENDIL Anthony</u> , LEONIDE Philippe, FRAU Camille, FOURNIER François, LANTEAUME Cyprien, BORGOMANO Jean, MASSONNAT Gérard, ROLANDO Jean-Paul	Understanding the geochemical signatures along a Barremian? Aptian platform-to-basin transect (Urgonian carbonate platform, Provence, SE France): implications for regional correlations
FSD3-H14	<u>WANG Wenyang</u> , PANG Xiongqi, CHEN Dongxia, WANG Wenji	Cambrian hydrocarbon migration system and reservoir-controlling pattern of Anyue gas field in Sichuan basin, China
FSD3-I1	<u>WANG Yang</u> , LIU Luofu, LI Shutong	Forming mechanism and main controlling factors on the high-quality carbonate reservoirs restricted by paleokarst background: a case study of Ma 541 submember of Ordovician in Wushenqi-zhidan area of the Ordos basin, China
FSD3-I2	<u>ZHANG Jingqi</u> , JIN Zhenkui	Basalt leaching and deep circulating dolomitization: a new model of dolomitization based on Middle Permian dolostones in Yangtze platform
FSD3-I3	<u>ZHU Xiaoe</u> , JIN Zhenkui, PENG Biao, YI Shuo, WEI 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

GUILLAUMET 2 (Wednesday 11th)

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

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

Oral presentations

Chairmen: Éric LASSEUR (BRGM Orléans, FRA), Sébastien CARRETIER (IRD - GET, FRA)

08:30-08:45	<u>VINCIGUERRA Constance</u> , LELEU Sophie, RANDRIAMAHEFAMAMONJISOA Miarintsoa, LAURENT Aurore, RAZIN Philippe	Comparison of Late Cretaceous fluvial systems along strike the Pyrenean-Provençal domain for reconstructing drainage and early Pyrenean topography
08:45-09:00	<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
09:00-09:15	<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
09:15-09:30	<u>CRUMEYROLLE Philippe</u>	Linking facies and geodynamics: the Jaizquibel Eocene turbidite system revisited (Guipuzcoa, Pyrenees)
09:30-09:45	<u>QUESNEL Florence</u> , MAUFRANGEAS Adrien, BOURDILLON 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 Selandian of the northern Pyrenees
09:45-10:00	<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)
Chairmen: Éric LASSEUR (BRGM Orléans, FRA), Sébastien CARRETIER (IRD - GET, FRA)		
10:30-10:45	ANGRAND Paul, <u>FORD Mary</u> , GALLAGHER Kerry	Evolution of the Pyrenean Aquitaine foreland basin (SW France)
10:45-11:00	<u>KALIFI Amir</u> , SORREL Philippe, LELOUP Philippe-Hervé, SPINA Vincenzo, PIK Raphael, RUBINO Jean-Loup, PITTET Bernard	Chronostratigraphic and tectonostratigraphic analysis of the Miocene molasse of the Subalpine Massifs and South Jura (western Alps, France). An update
11:00-11:15	<u>DE LEEUW Arjan</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

GUILLAUMET 2 (Wednesday 11th)

11:15-11:30	<u>CALDERON Ysabel</u> , BABY Patrice, HURTADO Christian, BRUSSET Stephane, BANDACH Asaid	Structural architecture and tectonic inheritance of the Marañon Amazonian foreland basin (Northern Peru)
11:30-11:45	<u>BONNEL Cédric</u> , NIVIÈRE Bertrand, LAGAU-Lacrouts Jérémy, MOUTHEREAU Frédéric, POUPON Yanniss	Neogene Tectono-sedimentary evolution of the Neuquén foreland (Argentina)
11:45-12:00	<u>SASPITURRY Nicolas</u> , RAZIN Philippe, SERRANO Olivier, BAUDIN Thierry, LASSEUR Éric, ISSAUTIER Benoit, ALLANIC Cécile	Structure and evolution of the southern margin of the so-called Mauleon "hyper-thinned" rift basin (Western Pyrenees, France)
Chairmen: Éric LASSEUR (BRGM Orléans, FRA), Sébastien CARRETIER (IRD - GET, FRA)		
14:30-14:45	<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 Kulm Basin, Mississippian, Germany)
14:45-15:00	<u>RAT Juliette</u> , MOUTHEREAU Frédéric, 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
15:00-15:15	<u>VACHERAT Arnaud</u> , BONNET Stéphane, MOUTHEREAU Frédéric	Controls of post-orogenic foreland basins evolution: internal river network reorganization VS external (climate, tectonics) factors
15:15-15:30	<u>GRIMAUD Jean-Louis</u> , PAOLA Chris	Interaction between river, uplift and transverse sedimentation: experimental results and application to the Bengal basin
Poster presentations		
SB1-D28	<u>AN GRAND Paul</u> , <u>FORD Mary</u> , WATTS Anthony	Subsidence origin, lateral variation in foreland evolution, and flexure of a rifted continental margin: the Aquitaine foreland basin (SW France)
SB1-D29	<u>BESSIN Paul</u> , <u>GUILLOCHEAU François</u> , <u>ROBIN Cécile</u> , <u>BRAUN Jean</u> , <u>BAUER Hugues</u> , <u>SCHROËTTER Jean-Michel</u>	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)
SB1-D30	<u>BOYA Salvador</u> , <u>REMACHA Eduard</u> , <u>ROIGE Marta</u> , <u>GÓMEZ-GRAS David</u>	The Sabiñánigo sandstone deltas of the Northern Jaca basin (South-central Pyrenees, Spain)
SB1-D31	<u>CABRÉ Albert</u> , <u>GUTIÉRREZ Pablo</u> , <u>MUÑOZ Sebastián</u> , <u>PIZARRO Hector</u> , <u>BISHOP Shawn</u> , <u>ORGEIRA Maria J.</u> , <u>ALFARO Francisco</u> , <u>LÓPEZ Christopher</u>	Did the Late Pliocene-Early Pleistocene Vilama Fm. sedimentation recorded an increase of aridity in the Atacama Desert? Insights from stratigraphy and magnetic properties
SB1-D32	<u>CHANVRY Emmanuelle</u> , <u>DESCHAMPS Rémy</u> , <u>JOSEPH Philippe</u> , <u>GARCIA Daniel</u> , <u>PUIGDEFABREGAS Cai</u>	Impact of tectonics, climate and eustasy on stratigraphic architecture and depositional profile evolution in the Graus-Tremp-Ainsa Basin during Lower Eocene times
SB1-D33	<u>DANISE Silvia</u> , <u>HOLLAND Steven</u>	Evolution of a carbonate-evaporite-siliciclastic system in the distal part of a retroarc foreland basin: Middle-Late Jurassic Sundance Seaway, USA
SB1-D34	<u>GIRAULT Jean-Baptiste</u> , <u>BELLAHSEN Nicolas</u> , <u>LOGET Nicolas</u> , <u>LASSEUR Éric</u> , <u>COUËFFÉ Renaud</u> , <u>ROSENBERG Claudio</u> , <u>BERNET Matthias</u> , <u>PIK Raphaël</u>	Interactions between foreland basin and collisional wedge in the Western Alps: new sedimentological, structural and thermochronological data
SB1-D35	<u>GRASSEAU Nicolas</u> , <u>LÓPEZ-BLANCO Miguel</u> , <u>RAZIN Philippe</u>	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)
SB1-D36	<u>HARRIES Rebekah</u> , <u>KIRSTEIN Linda</u> , <u>WHITTAKER Alex</u> , <u>ATTAL Mikael</u> , <u>COWIE Patience</u> , <u>PERALTA Silvio</u>	Are Andean alluvial fans sensitive to forcing?
SB1-E10	<u>HONEGGER Louis</u> , <u>CASTELLTORT Sébastien</u> , <u>POYATOS-MORÉ Miquel</u> , <u>CLARK Julian</u> , <u>ADATTE Thierry</u> , <u>PUIGDEFABREGAS Cai</u> , <u>FILDANI Andrea</u> , <u>SPANGENBERG Jorge</u>	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)
SB1-E11	<u>HUNGER Gabriel</u> , <u>MOSCARIELLO Andrea</u> , <u>VENTRA Dario</u>	Allogenic versus autogenic controls on a fluvial-fan succession: a compositional study of the Cacheuta basin infill (central Argentinian foreland)
SB1-E12	<u>LANG Karl</u> , <u>EHLERS Todd</u> , <u>KAMP Peter</u> , <u>RING Uwe</u>	Climate control of sediment provenance in the Southern Alps of New Zealand: new observations from detrital apatite fission-track tracer thermochronology
SB1-E13	<u>LASSEUR Éric</u> , <u>AL REDA Mustapha</u> , <u>LOGET Nicolas</u> , <u>BARBARAND Jocelyn</u> , <u>BRIAIS Justine</u> , <u>GAUTHERON Cecile</u>	Sediment routing and piemont dynamics in syn orogenic series of the Aquitaine basin Pyrenean retroforeland (SW France)
SB1-E14	<u>LIU Shan</u> , <u>VAN ROOIJ David</u> , <u>ERCILLA Gemma</u> , <u>HERNÁNDEZ-MOLINA Francisco Javier</u>	New insights into the recent bottom-current processes within the Le Danois intraslope domain (Cantabrian continental margin, NE Atlantic)
SB1-E15	<u>LIU Shan</u> , <u>VAN ROOIJ David</u> , <u>ERCILLA Gemma</u> , <u>HERNÁNDEZ-MOLINA Francisco Javier</u>	Seismic architecture and evolution of the Le Danois Bank contourite depositional system (Cantabrian Continental Margin, NE Atlantic)

GUILLAUMET 2 (Wednesday 11th)

SB1-E16	<u>MATOSHKO Andrei, MATOSHKO Anton, DE LEEUW Arjan</u>	The Porat stage in the development of the Pliocene-Quaternary fluvial systems of the South-East Carpathian foreland
SB1-E17	<u>MCARTHUR Adam, MCCAFFREY William</u>	Evolution from ponded to tortuous to unconfined sedimentation in a marine trench-slope basin: examples from the East Coast Basin of New Zealand
SB1-E18	<u>MEHL Caroline, ROBION Philippe</u>	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)
SB1-E28	<u>ORTIZ Alexandre, GUILLOCHEAU François, LASSEUR Éric, ROBIN Cécile, BRIAIS Justine</u>	Post-orogenic sedimentary evolution of the retro-foreland basin of Aquitaine (Priabonian to today)
SB1-E29	<u>RAGUSA Jérémy, KINDLER Pascal</u>	Recognition of tectonic settings in collisional systems using bulk-rock geochemistry: an example from the accretionary wedge of the Western Alps
SB1-E30	<u>RODDAZ Martin, LOUTERBACH Mélanie, HURTADO Christian, VENTURA Santos Roberto, BABY Patrice, DANTAS Elton, ANTOINE Pierre-Olivier</u>	Provenance record of Maastrichtian- Paleocene Andean Mountain building in the Amazonian retroarc foreland basin (Huallaga and Madre de Dios basin, Peru)
SB1-E31	<u>SANCHEZ Caroline, REGARD Vincent, CARRETIER Sébastien, RIQUELME Rodrigo, BLARD Pierre-Henri, CAMPOS Eduardo, BRICHAU Stéphanie, LUPKER Marteen, HÉRAIL Gérard</u>	Neogene basin infilling from cosmogenic nuclides (¹⁰ Be and ²¹ Ne) in Atacama, Chile
SB1-E32	<u>SEZIM Mustapaveva, BAIBATSHA Adilkhan, BEKBOTAEVA Alma</u>	Lithology and stratigraphy of Devon-Carbon deposits of Large Karatau as the standards of oil and gas deposits of the Caspian Depression
SB1-E33	<u>TALUKDAR Riyanka, KOTHYARI Girish</u>	Quaternary landform developments and climatic variability in tectonically active region of Central Kumaun Himalaya, India
SB1-E34	<u>VARELA Augusto, RICHIANO Sebastián, POIRÉ Daniel, IGLESIAS Ari, BREA Mariana</u>	Characterization of a heterogeneous sequence boundary surface perpendicular to the Patagonian fold-and-thrust belt: the role of fossil forest
SB1-E35	<u>CHEN Xiaowei</u>	New evidences from zircon xenocrysts of diabase for the dating of the Xiangshan Group in the Zhongwei region, western North China Plate
SB1-E36	<u>ZAVALA Valeria, CARRETIER Sébastien, BONNET Stéphane</u>	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

Chairmen: Cécile ROBIN (University of Rennes 1, FRA), Christophe BASILE (ISterre, FRA)

16:00-16:15	<u>LELEU Sophie, LE GALL Bernard, PIK Raphaël, YIRGU Ghesaghne, AYALEW Dereje, JOURDAN Frédéric</u>	Sedimentary record in the Northern Afar Depression (Ethiopia): what message for the rifting development and erosion history?
16:15-16:30	<u>RIBES Charlotte, EPIN Marie-Eva, GHIENNE Jean-François, MANATSCHAL Gianreto</u>	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
16:30-16:45	<u>SMYRAK-SIKORA Aleksandra, KRISTENSEN Jakob B., BRAATHEN Alvar, OLAUSSEN Snorre, STEMMERIK Lars</u>	Tectonic and eustatic controls on deposition in evaporite- carbonate dominated rift basin fill, Billefjorden Trough, Norway
16:45-17:00	<u>NONN Chloé, LEROY Sylvie</u>	Structure and tectonic evolution of narrow and asymmetric conjugate passive margins : example from the Socotra-Sharbitat segment (eastern Gulf of Aden)
17:00-17:15	<u>MACHADO Gil, RODRIGUES Cristiane</u>	Deep water sedimentation in the Barreirinhas basin, NE Brazil: examples from 3D seismic data
17:15-17:30	<u>FANGET Anne-Sophie, LONCKE Lies, PATTIER France, TALLOBRE Cédric, DROZ Laurence, MARSSET Tania</u>	Post-transform sedimentation on the Demerara Plateau (South Central Atlantic): a case study of initiation and evolution of a contoured depositional system on a marginal plateau

SPOT (Wednesday 11th)

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)	
Oral presentations		
Chairmen: Agostina VERTINO (Università di Milano-Bicocca, ITA), Arnoud SLOOTMAN (King Fahd University of Petroleum and Minerals, KSA), Daniela BASSO (Università di Milano-Bicocca, ITA)		
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
Chairmen: Maria MUTTI (University of Potsdam, DEU), Chris JENKINS (University of Colorado Boulder, USA)		
10:30-10:45	<u>CALINE Bruno</u> , PARIENTE Mickaël, LE MAO Patrick, ROLLET Claire, DESROY Nicolas, WALKER Patrice, EHRHOLD Axel, SIMPLET 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?
10:45-11:00	<u>WHEELER Andy</u> , LIM Aaron	Controls on spatial facies variations in submarine canyon cold-water coral habitats
11:00-11:15	<u>COLLART Tim</u> , STEWART Heather, COLIN Christophe, DOUVILLE Éric, PONS-BRANCHU Edwige, TISNÉRAT-LABORDE Nadine, BLAMART Dominique, MIENIS Furu, VAN ROOIJ David	Early Holocene changes in Celtic shelf edge upwelling: a cold-water coral story
11:15-11:30	<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
11:30-11:45	<u>FRANK Tracy</u> , JAMES Noel	Early diagenesis of carbonates on polar shelves
11:45-12:00	<u>PAPILI Sonia</u> , DUPONT Yves	Shells and shell fragments as modifiers of sediments behaviour
Poster presentations		
CB3-C19	<u>COLETTI Giovanni</u> , BRACCHI Valentina Alice, MARCHESE Fabio, BASSO Daniela, SAVINI Alessandra, VERTINO Agostina, CORSELLI Cesare	Build-ups and rhodalgal carbonates along the Quaternary successions of the Adriatic and Ionian coasts of the Italian peninsula
CB3-C20	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
CB3-C21	<u>BRACCHI Valentina Alice</u> , BASSO Daniela	The role of the substrate in coralligenous development: examples from the present and the past
CB3-C22	<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

SPOT (Wednesday 11th)

CB3-C23	<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
CB3-C24	<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
CB3-C25	<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)
CB3-C26	<u>JENKINS Christopher</u> , VERTINO Agostina	Acoustic response of seafloors colonized by framework organisms
CB3-C27	<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
CB3-D1	<u>PAPAZZONI Cesare Andrea</u> , SEDDIGHI Mona	Is there anyone needing a definition for nummulite banks?
CB3-D2	<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)
CB3-D3	<u>RADDATZ Jacek</u> , BAHN 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
CB3-D4	<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
CB3-D5	<u>ROSSO Antonietta</u> , SANFILIPPO Rossana, GUIDO Adriano	Biostratigraphy from present-day submarine caves of the Mediterranean
CB3-D6	<u>SLOOTMAN Arnoud</u> , CARTIGNY Matthieu, DE BOER Poppe, SAMANKASSOU Elias, MOSCARELLO 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
CB3-D7	<u>VERTINO Agostina</u> , JENKINS Christopher, FREIWALD André	Phenotypic plasticity of frame-building cold-water coral colonies: a first modelling attempt
CB3-D8	<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
CB3-D9	<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
CB3-D27	<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

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

Oral presentations

Chairmen: Marc de RAFÉLIS (University of Toulouse III - GET, FRA), Fabrice MINOLETTI (ISTeP, FRA)

14:30-14:45	<u>TREMBLIN Maxime</u> , HERMOSO Michaël, MINOLETTI Fabrice	A not so flat meridional temperature gradient during the hot Eocene: reconciling proxy and model data
14:45-15:00	<u>VOIGT Silke</u> , 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	<u>AMAKRANE Jemaa</u> , EL HAMMOUTI Kamal, AZDIMOUSSA Ali, EL OUAHABI Meriam, FAGEL Nathalie	Paleoenvironmental reconstruction of the Guercif Basin during the Tortonian-Messinian (NE Morocco)
15:15-15:30	GILLOT Thomas, <u>COJAN Isabelle</u>	A Mediterranean realm as early as Lower to Middle Miocene in SE France and Central Spain reconstructed from calcisols

Poster presentations		
PP3-L1	<u>ADATTE Thierry</u> , 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, <u>BOMOU Brahimsamba</u> , FERRANDINI Michelle, FERRANDINI Jean, ADATTE Thierry, GAREL Emilie, HUNEAU Frédéric	The Miocene Formation of Taverna, Corsica: a micropalaeontological and mineralogical approach
PP3-L3	<u>FRISCH Konstantin</u> , VOIGT Silke, VERESTEK Verena, APPEL Erwin, VOIGT Thomas, HELLOWIG Alexandra	Obliquity forcing on moisture supply and eccentricity control on water budget: a Central Asian perspective on the Miocene Climate Transition
PP3-L4	<u>GUO Yu</u>	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	<u>HELLWIG Alexandra</u> , 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)
PP3-L6	<u>HUYGHE Damien</u> , 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
PP3-L7	<u>LE CALLONNEC Laurence</u> , 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 : Corneilles-en-Parisis section (France)
PP3-L8	<u>LÉZIN Carine</u> , MAILLARD Agnès, ODONNE Francis, COLINET Gary, CHANIER Frank, GAULLIER Virginie	Tectono-sedimentary evolution of the Miocene-Pliocene series of Ibiza: new onshore evidence of the Messinian salinity crisis
PP3-L9	<u>PLINK-BJÖRKLUND Piret</u> , JONES Evan	Did Early Eocene rivers have extreme hydrological regimes?
PP3-L10	SUC Jean-Pierre, POPESCU Speranta-Maria, BESEDIK Mostefa, JIMÉNEZ-MORENO Gonzalo, ZHENG Zhuo, RUBINO Jean-Loup, LE GOUCHE Chloé, SALPIN Marie, SCHNYDER Johann, ROBIN Cécile	Pollen records and climatostratigraphy: a powerful tool for short- to long-distance correlations of Cenozoic deposits
PP3-L11	<u>UPRETI Neha</u> , SRIVASTAVA Pankaj	Clay mineralogy of the early and late Oligocene paleosols of the Himalayan foreland: implications for initiation and intensification of SW monsoon
PP3-L12	<u>ZHANG Xianguo</u> , 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

Chairmen: 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)

16:00-16:15	<u>BETZLER Christian</u> , EBERLI Gregor	Carbonate platform slopes: the importance of contour currents
16:15-16:30	<u>MULDER Thierry</u> , GILLET Hervé, REIJMER John, DROXLER André, CAVAILHES Thibault, HANQUIEZ Vincent, FAUQUEMBERGUE 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

17:00-17:15	<u>SWART Peter</u> , MACKENZIE Greta, BLÄTTLER Clara, NAKAKUNI Masatoshi, REOLID Jesús, SLAGLE Angela, YOUNG Jeremy, BETZLER Christian, EBERLI Gregor, ALONSO-GARCIA Montserrat, KROON Dick, WRIGHT James, ALVAREZ ZARIKIAN Carlos, GUO Junhua, HAFFEN Sebastien, 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	FERRÁNDEZ-CAÑADELL Carles, <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
CB2-D25	<u>EBERLI Gregor</u> , LING Anna, HEBBELN Dierk, WIENBERG Claudia, FREIWALD André, BECKER Marius	Mass-wasting and current processes on the distal portion of the West Florida platform
CB2-D26	<u>FABREGAS Natacha</u> , MULDER Thierry, HANQUIEZ Vincent, GILLET Hervé, DUCASSOU Emmanuelle, FAUQUEMBERGUE Kelly, PRINCIPAUD Mélanie, CONESA Gilles, LE GOFF Johan, RAGUSA Jérémy, BASHAH Sara, BUJAN Stéphane, REIJMER John, CAVAILHES Thibault, DROXLER André, RECOUVREUR Audrey, GUIASTRENNEC Léa, BLANK David, SEIBERT Chloé	Carbonate slope morphology revealing deep-sea sediment transfer in Little Bahama Bank, Bahamas
CB2-E1	<u>FAUQUEMBERGUE Kelly</u> , DUCASSOU Emmanuelle, MULDER Thierry, POLI Emmanuelle, BORGOMANO Jean	The carbonate Holocene wedge of northern Little Bahama Bank: between bank and deep domain
CB2-E2	<u>FAUQUEMBERGUE Kelly</u> , DUCASSOU Emmanuelle, MULDER Thierry, CHABAUD Ludivine, TOURNADOUR Elsa, POLI Emmanuelle, BORGOMANO Jean	Down to the deep: from carbonate platform to abyssal plain
CB2-E3	<u>GEORGE Annette</u> , ANDERSON Kaylee, BOOTH John	Carbonate slopes and associated platform-margin facies, Pennsylvanian-Permian platforms of the Loei-Phetchabun foldbelt, NE Thailand
CB2-E4	<u>LE GOFF Johan</u> , SLOOTMAN Arnaud, REIJMER John, DUCASSOU Emmanuelle, MULDER Thierry	Comparing mass transport deposits in large-scale fossil and modern carbonate systems
CB2-E5	<u>LIANG Ting</u> , JONES Brian	Distribution of rare earth elements and yttrium of sinkhole-filling deposits associated with an erosional unconformity on Grand Cayman
CB2-E6	<u>MULDER Thierry</u> , JOUMES Margot, HANQUIEZ Vincent, REIJMER John, TOURNADOUR Elsa, CHABAUD Ludivine, PRINCIPAUD Mélanie, SCHNYDER Jara, BORGOMANO Jean, FAUQUEMBERGUE Kelly, DUCASSOU Emmanuelle, BUSSON Jean	High-resolution carbonate slope morphology revealing sediment transfer from bank-to-slope (Little Bahama Bank, Bahamas)
CB2-E7	<u>RECOUVREUR Audrey</u> , MULDER Thierry, HANQUIEZ Vincent, BORGOMANO Jean, REIJMER John, DROXLER André, GILLET Hervé, CAVAILHES Thibault, FABREGAS Natacha, GUIASTRENNEC Léa, FAUQUEMBERGUE Kelly, BLANK David, BASHAH Sara, BUJAN Stéphane, SEIBERT Chloé, DUCASSOU Emmanuelle, PRINCIPAUD Mélanie, CONESA Gilles, LE GOFF Johan, RAGUSA Jérémy	Large carbonate-fed deep-sea turbidite fan developed at the mouth of a giant canyon along the Bahamian slope
CB2-E8	<u>REOLID Jesús</u> , BETZLER Christian, LÜDMANN Thomas	Controls on the turnovers of platform slope geometries and composition (Maldives, Indian Ocean)
CB2-E9	<u>WU Shiguo</u> , 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

ARGOS (Wednesday 11th)

PP1 Late Paleozoic & Permo-Triassic environments		
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)	
Oral presentations		
Chairmen: Tracy D. FRANK (University of Nebraska-Lincoln, USA), Sylvie BOURQUIN (University of Rennes 1, FRA)		
08:30-08:45	<u>MAILLET Marine</u> , HUANG Wentao, MIAO Zhuowei, GONG Enpu, GUAN Changqing, ZHANG Yongli, SAMANKASSOU Elias	Carboniferous carbonate platforms and coral-reefs in Southern China
08:45-09:00	<u>VAN DEN BELT Frank</u> , DE BOER Poppe	Long-term changes in atmospheric circulation during the Palaeozoic: shifting between a subtropical-evaporite and a polar-glaciation depositional mode
09:00-09:15	<u>JOACHIMSKI Michael</u> , ALEKSEEV Alexander, GRIGORYAN Araik	Climatic warming across the Permian-Triassic boundary? New evidence from Armenia
09:15-09:30	<u>FIELDING Christopher</u> , FRANK Tracy	An integrated palaeoenvironmental analysis of the Permo-Triassic boundary succession in eastern Australia
09:30-09:45	<u>FORTE Giuseppa</u> , 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
09:45-10:00	<u>ROSSIGNOL Camille</u> , 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>BENAOUISS 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 Gwénaél</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> , Borrueal-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
PP1-J6	<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)
PP1-J7	<u>MATHESON Edward</u> , FRANK Tracy	The Permian phosphoria rock complex: a record of the interaction of the arid Western Pangaea landmass and Panthalassa
PP1-J8	<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

PP1-J9	<u>SHAO Longyi</u> , YAN Zhiming, WANG Juan, WANG Xuetian	Petrology, geochemistry and paleoenvironmental significance of the end-Permian coals in SW China
PP1-J10	<u>TOURANI Abdelilah</u> , BENAOUISS Naima, BOURQUIN Sylvie, BROUTIN Jean	Sedimentology and Ichnology of the Late Triassic Irohalen Mudstone, Argana Valley, Morocco
PP1-J11	<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
PP1-J12	<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, Tatrims Basin, China

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)

Oral presentations

Chairmen: Karl FÖLLMI (University of Lausanne, CHE), Chloé MORALES (University of Utrecht, NLD)

10:30-10:45	<u>MILESI Vincent</u> , JÉZÉQUEL Didier, GUYOT François, DEBURE Mathieu, MARTY Nicolas, CLARET Francis, VIRGONE Aurélien, GAUCHER Éric, ADER Magali	Formation of Mg-aluminosilicates during early diagenesis of carbonate sediments in the volcanic crater lake of Dziani Dzaha (Mayotte, Indian Ocean)
10:45-11:00	<u>ORDOÑEZ Luis</u> , ARIZTEGUI Daniel, CHIARADIA Massimo, VOGEL Hendrik, MELLES Martin, RUSSEL James M., BIJAKSANA Satria, Scientific Team & The Tdp	Quantifying authigenic Fe-phases and their Fe-isotope signatures in lacustrine sediments
11:00-11:15	<u>GISCHLER Eberhard</u> , BIRGEL Daniel, BRUNNER Benjamin, HEINDEL Katrin, REITNER Joachim, EISENHAUER Anton, BUHRE Stephan, MEYER Gabriela, PECKMANN Joern	Biogenic carbonate accretion in submerged karst caves (blue holes) in the Belize barrier and atoll reef system under changing meteoric and marine conditions
11:15-11:30	<u>GUILLERM Emmanuel</u> , GARDIEN Véronique, ARIZTEGUI Daniel, CAUPIN Frédéric	A new paleothermometer for evaporitic environments: Brillouin spectroscopy
11:30-11:45	<u>TODD Stephanie</u> , PUFAHL Peir, MURPHY Brendan J., TAYLOR Kevin	Sedimentology and oceanography of Early Ordovician ironstone, Bell Island, Newfoundland: ferruginous seawater and upwelling in the Rheic ocean
11:45-12:00	<u>MORAL Chloé</u> , ROGOV Mikhail, WIERZBOWSKI Hubert, ERSHOVA Victoria, SUAN Guillaume, TEGELAAR Erik, REICHART Gert-Jan, DE LANGE Gert, MIDDELBURG Jack, VAN DE SCHOOTBRUGGE Bas	Mesozoic glendonites: tracers of methane seepage in polar seas

Poster presentations

PP5-K1	<u>BANERJEE Santanu</u> , BANSAL Udit, PANDE Kanchan	Influence of depositional condition and stratigraphic context on chemical compositions of Cretaceous glauconites in peninsular India
PP5-K2	<u>FADIPE Justin</u> , FELIX Maarten	Determination of palaeoproductivity using hydrogen index as a proxy
PP5-K3	<u>FELLETTI Fabrizio</u> , CRIPPA Gaia, BAUCON Andrea, ANGIOLINI Lucia, RAINERI Gianluca, SCARPONI Daniele	Paleo-environment evolution through climate change: a holistic perspective
PP5-K4	<u>FÖLLMI Karl</u>	Authigenesis and sedimentary condensation
PP5-K5	HU Guangming, <u>WANG Dan</u> , LI Yu	Quantitative lithofacies paleogeography research: a case form Ordovician Majiagou 54 Sub-member in the West Jingbian platform, Ordos Basin, China
PP5-K6	<u>IAKOVISHINA Elena</u> , ZAYTSEVA Tatyana, KRUPSKAYA 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
PP5-K7	MCCORMACK Jeremy, MEYER Felix Tillman, IMMENHAUSER Adrian, <u>KWIECIEN Ola</u>	Did you say "fast" Early diagenesis in sub-recent lacustrine sediments of Lake Van
PP5-K8	<u>MORLOCK Marina</u> , VOGEL Hendrik, HADI Jebri, FOUBERT Anneleen, ARIZTEGUI Daniel, MELLES Martin, RUSSELL James, BIJAKSANA Satria	A novel 4D-view on sediments: insights to sedimentation processes and post-sedimentary mineral formation
PP5-K9	<u>NEUGEBAUER Ina</u> , THOMAS Camille, WALDMANN Nicolas, ARIZTEGUI Daniel	Formation and cyclicity of non-annual Fe-Mn laminae in Lago Fagnano, Tierra del Fuego
PP5-K10	<u>ORDOÑEZ Luis</u> , 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

PP5-K11	<u>REMIREZ Mariano</u> , SPALLETTI Luis	Geochemical characterization of offshore deposits in a mixed siliciclastic-carbonate marine ramp
PP5-K12	SHCHEPETOVA 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
PP5-K13	TALLOBRE Cédric, GIRESE Pierre, BASSETTI Maria-Angela, LONCKE Lies, ALINA Tudryn, 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)
PP5-K14	VICKERS Madeleine, <u>PRICE Gregory</u> , WATKINSON Matthew, JERRETT Rhodri	Glendonite formation in the Early Cretaceous of Spitsbergen? Evidence for cold climates and methane seepage?
PP5-F13	<u>WANG Ning</u>	The identification of sedimentary environments depends on organic and inorganic methods
PP5-F14	<u>YANG Mingyu</u> , 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 Paleooceanographic events

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

Oral presentations

Chairmen: Anne-Christine da SILVA (Universities of Liège and Utrecht, BEL/DNK), Matthias SINNESAEEL (Vrije Universiteit Brussel, BEL)

14:30-14:45	<u>JAROCHOWSKA Emilia</u> , 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 Damien</u> , HINNOV Linda, DAY James E. (Jed), KODAMA Kenneth, SINNESAEEL Matthias, LIU Wei	Cyclostratigraphic calibration of the Late Devonian time scale
15:00-15:15	<u>RUHL Micha</u> , HESSELBO Stephen, XU Weimu, THIBAULT Nicolas, JENKYN 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
15:15-15:30	<u>AL SUWAIDI Aisha</u> , <u>RUHL Micha</u> , CONDON Daniel, HESSELBO Stephen, JENKYN Hugh, STORM Marisa	Geochemical, astro- and geochronological constraints on the Bathonian? Callovian Boundary (Neuquén Basin, Argentina)

Chairmen: Nicolas THIBAULT (University of Copenhagen, DAN), Luis VALERO (Universitat Autònoma de Barcelona, ESP)

16:00-16:15	<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)
16:15-16:30	<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
16:30-16:45	<u>ADATTE Thierry</u> , BOMOU Brahimsamba, 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)
16:45-17:00	<u>POYATOS-MORÉ Miquel</u> , HONEGGER Louis, CHANVRY Emmanuelle, CASTELLTORT 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)
17:00-17:15	<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
17:15-17:30	<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

RTS2-E22	<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
-----------------	--	---

RTS2-E23	<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
RTS2-E24	<u>DA SILVA Anne-Christine</u> , BARTHOLOMEW Alex, BRETT Carlton, GABELER Gabe, HILGEN Frits, JUAREZ Cecilia, MARACEK Casey, VER STRAETEN Charles, DEKKERS Mark	Outstanding Lower Devonian Milankovitch cyclicities exposed in the Hudson Valley, New York State
RTS2-E25	<u>DA SILVA ANNE-CHRISTINE</u> , HLADIL Jindřich, 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
RTS2-E26	DE VLEESCHOUWER David, <u>DA SILVA Anne-Christine</u> , <u>SINNESAEEL Matthias</u> , CHEN Daizhao, DAY James, WHALEN Michael, GUO Zenghui, CLAEYS Philippe	Obliquity-pacing of the Late Devonian mass extinction event
RTS2-E27	<u>DI RENZO Rosalia</u> , 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
RTS2-F4	<u>MARTÍNEZ-BRACERAS Naroa</u> , 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)
RTS2-F5	<u>MONKENBUSCH Johannes</u> , LEJAY Alain, MARTINEZ Mathieu, PÄLIKE 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
RTS2-F6	NTSAMA ATANGANA Jacqueline, BENNAMI Mouloud, HELL Joseph Victor, VIGNAUD Patrick, BESSONG Moise, NDJENG Emmanuel	Sedimentology and Magnetostratigraphy of the cretaceous formations in the Hamakoussou and Mayo Oulo-Lere bassins in the Northern Cameroon (Benue Through)
RTS2-F7	<u>LIU Wei</u> , WU Huaichun, HINNOV Linda, PAS Damien	Cyclostratigraphic analysis of the Lower Cretaceous terrestrial Songliao Basin, Northeast China
RTS2-F8	<u>SINNESAEEL Matthias</u> , DE VLEESCHOUWER David, ZEEEDEN Christian, CLAEYS Philippe	Reproducibility in cyclostratigraphy: initiating an intercomparison project
RTS2-F9	FRAU Camille, <u>TENDIL Anthony</u> , 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
RTS2-F10	<u>THIBAUT Nicolas</u> , MARTINEZ Mathieu	Diachronism of key fossil stratigraphic markers in the Mesozoic: consequences for the geologic time scale and for paleoenvironmental change
RTS2-F11	<u>VALERO Luis</u>	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

RTS1-E19	<u>ABOUESSA Ashour</u>	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
RTS1-E20	<u>ABRAHAMS Miengah</u> , BORDY Emese, SCISCIO Lara, KNOLL Fabian	Sedimentological context of Early Jurassic dinosaur tracksites (Elliot Formation, Karoo Supergroup) in the Roma Valley, Lesotho
RTS1-E21	<u>BOURLI Nicolina</u> , 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
RTS1-F1	<u>PARK Jeong Kyu</u> , 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
RTS1-F2	<u>SCOTT Jennifer</u>	Lake-margin ichnology as evidence of subaerial exposure, lake-level fluctuations, and stratigraphic packaging in Pliocene to Recent Kenyan rift lakes
RTS1-F3	<u>WETZEL Andreas</u> , SZCZYGIELSKI Agata, UNVERRICHT Daniel, STATTEGGER Karl	Trace fossils recording environmental dynamics of Holocene estuarine incised-valley fill deposits (Red River, Gulf of Tonkin)

Thursday 12th



Thursday 12th								
	Amphitheatre	Cassiopée	Guillaumet 1	Guillaumet 2	Spot	Argos		
8:00	Coffee							
8:30	CSP1	Bajolet et al.	Courtillet et al.	Wilson et al.	Chardon et al.	Wilkinson		
8:45		Le Gall	Kebi-Tsoumou et al.	Marchegiano et al.	Ackouala Mfere & Pr	Limonta et al.	Ma et al.	
9:00		Stack et al.	Baby et al.	Perrin & Prestimona	Shawwa et al.	Carretier et al.	Stricker	
9:15			Ponte et al.	Mallarino et al.	Manifold et al.	Paredis & Weltje	Violle et al.	
9:30		Mangold et al.	Ward et al.	Chapron et al.	Peyrotty et al.	Paleari et al.	Verhagen et al.	
9:45	Newsom et al.	Paumard et al.	Allen et al.	Vincent et al.	Andò et al.	Net et al.		
10:00	Coffee Break							
10:30	CSP1	Cai et al.	Meydan-Aysegul et al.	Tendil et al.	Chanvry et al.	Olaussen & Olaussen		
10:45		Campos-Soto et al.	Viola et al.	Sabatier et al.	Grélaud et al.	Zhang X.	Doran et al.	
11:00		Donselaar et al.	Durand et al.	Jenny et al.	Bourget et al.	Robinson	Zefilidis et al.	
11:15		Ducassou et al.	Kun & Lü	Fouinat et al.	Courgeon et al.	Caracciolo et al.	Louterbach et al.	
11:30		Durand et al.	Argentino et al.	Chassiot et al.	Paumard et al.	Qian & Yin	Mallié et al.	
11:45	Garlan et al.	Nardini et al.	Bábek et al.	Weij et al.	Henares et al.	Guo et al.		
12:00	Lunch Break							
13:00	Invited Keynote: Paul Wignall							
13:30	<i>Session posters in the hall Caravelle: CB1, CB5, CSP1, CSP3, CSP4, FSD1, FSD4, PP6, SB2, SR3, SR4, T1</i>							
14:00								
14:30								
14:45								
15:00								
15:15	Coffee Break							
16:00	CSP1	Van Sinaeyes et al.	Dou et al.	Corkeron	Ryan	Rossi & Jacquin		
16:15		Jelby et al.	Jorissen et al.	Poty et al.	Lofi et al.	Hamon et al.		
16:30		Nartea	Worden	Liu et al.	Bodin et al.	Camerlenghi et al.	Viseras et al.	
16:45		Ren et al.	Thompson et al.	Rivera-Hernández et al.	Vescogni et al.	Sternai et al.	Deschamps et al.	
17:00		Rubino et al.	Ochoa et al.	Waldmann et al.	Borgomano et al.	Popescu et al.	Tagliavento et al.	
17:15	Shao et al.	Loope et al.	Zhang H.	Jorry et al.	Micallef et al.	Pla-Pueyo et al.		
17:30	Veiga et al.							
18:00	Closing Ceremony							
18:30	Ceremony							

AMPHITHEATRE SAINT EXUPÉRY (Thursday 12th)

Plenary Session

Convenors

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

Keynote lecture

13:30-14:30 WIGNALL Paul (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

Chairmen: Laetitia LE DEIT (University of Nantes, FRA), Ralph D. LORENZ (Johns Hopkins University Laurel, USA)

08:30-08:45

LE GALL Alice

SESSION KEYNOTE: Sediments on Titan

08:45-09:00

09:00-09:15

STACK Kathryn, EDGAR Lauren, EDGETT Ken, FEDO Christopher, GROTZINGER John, GUPTA Sanjeev, HOUSE Christopher, HUROWITZ Joel, KAH Linda, RAMPE Elizabeth, RUBIN David, SCHIEBER Juergen, STEIN Nathan, SUMNER Dawn

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

09:30-09:45

MANGOLD Nicolas, DEHOUCQ 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

09:45-10:00

NEWSOM Horton, EDGETT Kenneth, WIENS Roger, MANGOLD Nicolas, SCHIEBER Juergen, STACK Kathryn, RAPIN William, STEIN Nathan, RIVERA-HERNANDEZ Frances

Imaging and chemical signatures of sandstone cemented by calcium-sulfate, in the Stimson and Murray formation rocks of Gale Crater, Mars

Chairmen: Sylvie BOURQUIN (University of Rennes 1, FRA), Janrik VAN DEN BERG (University of Utrecht, NLD)

10:30-10:45

NACHON Marion, SUMNER Dawn, ALPERS Charles, CAMPBELL Kate, GRETTEBERGER Christen

Diagenetic signatures within acidic lacustrine deposits on Earth ? application to Mars

10:45-11:00

CAMPOS-SOTO Sonia, BENITO M. Isabel, MOUNTNEY Nigel P., QUIJADA I.Emma, SUAREZ-GONZALEZ Pablo, COBOS Alberto, MAS 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)

11:00-11:15

DONSELAAR Marinus Eric, CUEVAS GOZALO Margarita, WALLINGA Jakob, VAN TOORENENBURG 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

11:15-11:30

DUCASSOU Emmanuelle, LOFI Johanna, BAHR André, HANQUIEZ Vincent, PIERRE Rachel

Mediterranean Outflow Water and contourite depositional systems over the last 1.4 Ma in the Gulf of Cadiz

11:30-11:45

DURAND Marc, BOURQUIN Sylvie, DIEZ FERRER José Bienvenido, SENDER Luis Miguel, VILLANUEVA-AMADOZ Uxue

Was there an Iberian desert during the mid-Cretaceous?

11:45-12:00

GARLAN Thierry, BRENON Emeric, MATHIAS Xavier, GABELOTAUD Isabelle, MARCHES Elodie

The Celtic Sea: a large marine dune field with specific morphologies at the limit of the continental slope

Chairmen: Janrik VAN DEN BERG (University of Utrecht, NLD), Sylvie BOURQUIN (University of Rennes 1, FRA)

16:15-16:30

JELBY Mads Engholm, GRUNDVÅG Sten-Andreas, HELLAND-HANSEN William, STEMMERIK Lars, OLAUSSEN Snorre

Reconsidering the formation of hummocky cross-stratification

16:30-16:45

NARTEAU Clement

Two independent dune growth mechanisms and their deposits

16:45-17:00

REN Xiaoxu, HOU Jiagen, LIU Yuming, ZHAO Wen

The sedimentology and architectural characteristics of sandy braided river

17:00-17:15

RUBINO Jean-Loup, PARIZE Olivier, BESSON David, LESUEUR Jean-Louis, GUY Laurent, REYNAUD Jean-Yves, SUC Jean-Pierre

Ravinement surfaces and early transgressive deposits: key elements of stratigraphic analysis of transgressive system tracts Examples from the Miocene of SE France

17:15-17:30

SHAO Xinhe, PANG Xiongqi, FUJIE Jiang

Diagenesis in tight sandstones and its influence on reservoir quality : a case study of the Shanxi Formation in the northeastern Ordos Basin, China

17:30-17:45

VEIGA Gonzalo, SCHWARZ Ernesto, ARGÜELLO Scotti Agustín, SPALLETTI Luis

Super bounding surface development in a fluvial-aeolian interaction system: towards a model for flood-generated "Stoke' surfaces"?

AMPHITHEATRE SAINT EXUPÉRY (Thursday 12th)

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 Élise</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	KOVÁCS János, ÚJVÁRI Gábor, VARGA György, <u>FARICS Éva</u> , DEZSŐ 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
CSP1-B36	<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
CSP1-C5	<u>LORENZ Ralph</u>	Titan sediment mechanical properties from radar and penetrometry
CSP1-C6	<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
CSP1-C7	<u>NEHYBA Slavomír</u> , DVOŘÁKOVÁ Marie, PETŘÍK Jan	Fluvial vs eolian origin of Pleistocene/Holocene dunes (South Moravia, Czech Republic)
CSP1-C8	<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
CSP1-C9	<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)
CSP1-C10	<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
CSP1-C11	<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)
CSP1-C12	<u>SUN Zhongqiang</u> , ZHANG Jinliang, LIU Longlong, WANG Ruoshan	Fan delta sedimentary characteristics in Eocene of Nanpu Depression, Bohai bay basin, China
CSP1-C13	<u>TOURKMAN Omayma</u> , CEREPI 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
CSP1-C14	<u>WANG Youwei</u> , STORMS Joep, RAVONI Manuel, MARTINIUS Allard, KARSENBERG Derek, ABELS Hemmo	Testing the impact of astronomical climate forcing on fluvial architecture in process-based numerical modelling

AMPHITHEATRE SAINT EXUPÉRY (Thursday 12th)

CSP1-C15	<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
CSP1-C16	<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
CSP1-C17	KNADE Julius, HAUBER Ernst, PLATZ Thomas, FANARA Lida, <u>LE DEIT Laetitia</u> , KINCH Kjartan	Deltaic sediments in Magong Crater, Mars
CSP1-C18	<u>SCHMIDT Gene</u> , PONDRELLI Monica, SALESE Francesco, FLAHAUT Jessica, ROSSI Angelo	Distribution and stratigraphy of intra-crater deposits in western Arabia Terra, Mars

CASSIOPÉE (Thursday 12th)

SB2 Extensional to transtensional basins: rifts and passive margins (PAMELA-ACTION MARGE)		
Convenors	Cécile ROBIN (University of Rennes 1, FRA), Christophe BASILE (lSterre, FRA), Sylvie LEROY (ISTeP, FRA), Tiago ALVES (Cardiff University, GBR), Julien BOURGET (University of Western Australia, AUS)	
Oral presentations		
Chairmen: Tiago ALVES (Cardiff University, GBR), Sylvie LEROY (ISTeP, FRA)		
08:30-08:45	<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
08:45-09:00	<u>KEBI-TSOUMOU 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
09:00-09:15	<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
09:15-09:30	<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
09:30-09:45	<u>WARD Nicholas</u> , ALVES Tiago, BLENKINSOP Tom	Differential compaction on passive margins: controls on the sediment distribution and petroleum systems
09:45-10:00	<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		
SB2-D28	BECKERS Arnaud, <u>HUBERT-Ferrari Aurélie</u> , BECK Christian, SAKELLARIOU Dimitri, TRIPANAS Efthymios, DE BATIST Marc	Sedimentary infill at the western tip of the Gulf of Corinth during the last 120 ka: Evidence for an acceleration of the subsidence
SB2-D29	<u>BERRA Fabrizio</u> , STUCCHI Eusebio, MORETTI Stefano	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)
SB2-D30	<u>CHEN Sj</u> , WANG Hua	Sediment process and flux during shelf-edge clinoform growth since the Late Cenozoic, Qiongdongnan basin margin, Northern South China Sea
SB2-D31	<u>GIRAULT Igor</u> , BASILE Christophe, BERNET Matthias, PAQUETTE Jean-Louis, AGRANIER Arnaud, LONCKE Lies, HEURET Arnaud, POETISI Ewald	Petrography, sedimentology and source provenance of outcropping basement of the Demerara marginal plateau (French Guiana-Surinam): results from DRADEM dredges
SB2-D32	<u>GOSWAMI Suparna</u>	Records of small scale deltaic environments in Jurassic within a continental rift basin: Kota Formation, India
SB2-D33	<u>HOMBERG Catherine</u> , LABORDE Marine, BORDERIE Sandra, SCHNYDER Johann, RAINE Rob	Multi-directional deformation during rift initiation: example of the Triassic basins in the U.K.
SB2-D34	<u>JOLLIVET-CASTELOT Martin</u> , GAULLIER Virginie, PAQUET Fabien, CHANIER Frank, THINON Isabelle, BRIAIS Justine, AVERBUCH Olivier	Seismic stratigraphy of the Dieppe-Hampshire Basin (Eastern English Channel)
SB2-D35	<u>JUN Xie</u> , HUIZHEN Liang, YAJUN Duan	3D-basin modeling of terminal fan deposition - a case study of J Block in Da'an Oilfield

CASSIOPÉE (Thursday 12th)

SB2-E10	<u>LIN Changsong</u> , SHI Hesheng, ZHANG Zhongtao, ZHANG Xin, TIAN Hongxun, XING Zuochang, WANG Siqi	Depositional architectures and evolution of inner shelf to shelf margin delta and prodelta fan depositional systems since the Late Oligocene in the Pear River Mouth Basin, northern South China Sea
SB2-E11	<u>LOPAREV Artiom</u> , ROUBY Delphine, CHARDON Dominique, DALL'ASTA Massimo, GUILLOCHEAU François, ROBIN Cécile, YE Jing, HUYGHE Damien, CASTELLORT Sébastien	Meso-Cenozoic accumulation history of the African margin of the Equatorial Atlantic
SB2-E12	<u>MESTDAGH Thomas</u> , LOBO Francisco J., LLAVE Estefanía, HERNÁNDEZ-MOLINA Javier, VAN ROOIJ David	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
SB2-E13	<u>MOLINA Jose Miguel</u> , NIETO Luis M., REOLID Matías, RODRÍGUEZ-TOVAR Francisco J.	Toarcian facies in the Subbetic (Betic Cordillera, Southern Spain): a synthesis and palaeoenvironmental reconstruction
SB2-E14	<u>MORIO Olivier</u> , GARLAN Thierry, MATHIAS Xavier, GUYOMARD Patrick, LE FAOU Yann, GAUDUIN Hermann, FAVRETTO 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)
SB2-E15	<u>NANAN Gao</u> , 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
SB2-E16	<u>NUTZ Alexis</u> , RAGON Théa, SCHUSTER Mathieu, GHIENNE Jean-François, RUBINO Jean-Loup, RUFFET Gilles, BEZ Martine, LESCANNE Marc	The Ekitale basin (northern Turkana Depression, EARS, Kenya): an example of micro-basin characterizing the initiation of continental rifting?
SB2-E17	<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)
SB2-E29	<u>PAUMARD Victorien</u> , 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
SB2-E30	<u>QIN Chunyu</u> , WANG Hua, CHEN Weitao	Distinction between forced regressive and highstand/lowstand wedges in Hanjiang Formation of Pearl River Mouth Basin, northern South China Sea
SB2-E31	TALLOBRE Cédric, <u>LONCKE Lies</u> , RANDLA Mirjam, FANGET Anne-Sophie, MARSSET Tania, DROZ Laurence, BAYON Germain, BASSETTI Maria-Angela, GIRESE Pierre, BUSCAIL Roselyne, Equipe Scientifique Iguanes	Echo-character mapping of a contouritic depositional system on the Demerara marginal plateau
SB2-E32	<u>WEGERER Eva</u> , AUST Nicolai	Clay minerals as geochemical- and facies indicators of an intercratonic rift basin
SB2-F11	<u>YE Lin</u> , 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
SB2-F12	<u>SIMON Brendan</u> , 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

Chairmen: Richard WORDEN (University of Liverpool, GBR), Guilhem HOAREAU (University of Pau, FRA)

10:30-10:45	<u>CAI Chunfang</u> , HU Yongjie, ZHAO Long	Methane-dominated BSR and TSR origins for highly ¹³ 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)

Chairmen: Benjamin BRIGAUD (University of Paris Sud, FRA), Valérie CHAVAGNAC (CNRS - GET, FRA)		
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, MCDUGALL 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		
FSD1-G7	<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 (Palazzo outcrops, Italy)
FSD1-G8	<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)
FSD1-G9	BARRE Guillaume, <u>MICHELS Raymond</u> , STRZERZYNSKI Pierre, TRUCHE Laurent, THOMASSOT Emilie, CARTIGNY Pierre, LORGEUX Catherine, GUILLOT Stéphane, ASSAYAG Nelly	TSR in its geological framework: case study of the French Alps Carnian evaporites
FSD1-G10	<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
FSD1-G11	CAU Simone, <u>VIOLA Irene</u> , CAPOZZI Rossella, ROVERI Marco, TAVIANI Marco	Pleistocene-age hydrocarbon-imprinted carbonates in the Northern Apennines (Italy)
FSD1-H1	<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
FSD1-H2	<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)
FSD1-H3	<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
FSD1-H4	ESPINOZA Tania, <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)
FSD1-H5	<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)
FSD1-H6	<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
FSD1-H8	<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
FSD1-H9	<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
FSD1-H10	<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
FSD1-H11	<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
FSD1-H12	<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)

CASSIOPÉE (Thursday 12th)

FSD1-H13	<u>STRICKER Stephan</u>	Under Pressure? Effects of pore fluid pressure on reservoir quality
FSD1-H14	<u>VARKOUHI Shahab</u> , TOSCA Nick	Biogenic silica diagenesis and anomalous compaction in sedimentary basins
FSD1-I2	<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
FSD1-I3	<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
FSD1-I4	<u>WORDEN Richard</u>	Petroleum type controls the temperature of H ₂ S generation by thermochemical sulphate reduction (TSR)
FSD1-I5	<u>WORDEN Richard</u>	Halogen elements in sedimentary systems and their evolution during diagenesis
FSD1-I6	<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 Shenhu area, South China Sea
FSD1-I7	<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

GUILLAUMET 1 (Thursday 12th)

PP6 Sedimentology of recent Earth history and human interactions

Convenors Éric 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

Chairmen: Éric CHAUMILLON (University of La Rochelle, FRA), Brice MOURIER (Ecole nationale de travaux publics de l'Etat de Vaulx en Velin, FRA)

08:30-08:45	<u>COURTILLAT Margot</u> , <u>BASSETTI Maria-Angela</u> , <u>CUVEN Stéphanie</u> , <u>ANGUE Minto'o Charlie</u> , <u>ALVAREZ-ZARIKIAN Carlos</u> , <u>TOUCANNE Samuel</u>	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> , <u>FRANCKE Alexander</u> , <u>GLIOZZI Elsa</u> , <u>ARIZTEGUI Daniel</u>	Lake level fluctuations and rainfall variability at Lake Trasimeno (Italy) inferred from ostracod assemblages
09:00-09:15	<u>PERRIN Christine</u> , <u>PRESTIMONACO Laurent</u>	Deciphering paleoclimate signal in complex laminated speleothems from high-altitude cave (La Cigalère, Pyrenees)
09:15-09:30	<u>MALLARINO Gianni</u> , <u>DROXLER Andre</u> , <u>OPDYKE Bradley</u> , <u>DANIELL James</u> , <u>BENTLEY Samuel</u> , <u>PETERSON Larry</u> , <u>DICKENS Gerald</u> , <u>FRANCIS Jason</u>	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> , <u>SIMONNEAU Anaëlle</u> , <u>ZOUZOU Hermann</u> , <u>VAN BEEK Pieter</u> , <u>TACHIKAWA Kazuyo</u> , <u>JOUVE Guillaume</u> , <u>GALOP Didier</u> , <u>TISSOUX Hélène</u> , <u>BARD Edouard</u>	Tracking Holocene environmental changes from lacustrine sediments within hydroelectric dams in Northern Pyrenees
09:45-10:00	<u>ALLEN Deonie</u> , <u>SIMONNEAU Anaëlle</u> , <u>BINET Stephane</u> , <u>GALOP Didier</u> , <u>LE ROUX Gaël</u>	An investigation into Holocene and Anthropocene paleolimnology records to identify driving forces of erosion and runoff in mountainous catchment areas (Pyrenees, France)

Chairmen: Christine PERRIN (MNHN Sete, FRA), Anaëlle SIMONNEAU (ISTO University of Orléans, FRA)

10:30-10:45	<u>MEYDAN Aysegül Feray</u> , <u>AKKOL Suna</u> , <u>MEYDAN Ismet</u> , <u>KALUGIN Ivan</u> , <u>GULYUZ Erhan</u> , <u>CAGATAY M. Namik</u>	Late Holocene climate changes of varved sediments of Lake Erçek, Eastern Turkey: a geochemical approach
10:45-11:00	<u>SABATIER Pierre</u> , <u>WILHELM Bruno</u> , <u>FICETOLA Francesco Gentile</u> , <u>MOIROUX Fanny</u> , <u>POULENARD Jérôme</u> , <u>DEVELLE Anne-Lise</u> , <u>BICHET Adeline</u> , <u>CHEN Wentao</u> , <u>PIGNOL Cécile</u> , <u>REYSS Jean-Louis</u> , <u>GIELLY Ludovic</u> , <u>BAJARD Manon</u> , <u>PERRETTE Yves</u> , <u>MALET Emmanuel</u> , <u>TABERLET Pierre</u> , <u>ARNAUD Fabien</u>	6-kyr record of flood frequency and intensity in the western Mediterranean Alps? interplay of solar and temperature forcing
11:00-11:15	<u>JENNY Jean-Philippe</u> , <u>NUNO Carvalhais</u> , <u>FRANCUS Pierre</u> , <u>KOIRALA Sujjan</u> , <u>AHRENS Bernhard</u> , <u>BAUD Alexandre</u> , <u>GREGORY-EAVES Irene</u> , <u>NOREN Anders</u>	Human societies began to play a significant role in global sediment transfers 3000 years ago

GUILLAUMET 1 (Thursday 12th)

11:15-11:30	<u>FOUINAT Laurent</u> , <u>SABATIER Pierre</u> , <u>DAVID Fernand</u> , <u>MONTET Xavier</u> , <u>SCHOENEICH Philippe</u> , <u>POULENARD Jérôme</u> , <u>ARNAUD Fabien</u>	Long term evolution of wet avalanche in Western Alps under climate and human forcing
11:30-11:45	<u>CHASSIOT Léo</u> , <u>FRANCUS Pierre</u> , <u>DE CONINCK Arnaud</u> , <u>LAJEUNESSE Patrick</u> , <u>LABARRE Thibault</u>	An anthropocene record of sediment quality in Quebec City (QC, Canada)
11:45-12:00	<u>BÁBEK Ondřej</u> , <u>ELZNIČOVÁ Jitka</u> , <u>GRYGAR Tomáš</u> , <u>KIELAR Ondřej</u> , <u>LENDÁKOVÁ Zuzana</u> , <u>PACINA Jan</u> , <u>RANDRIANOELINA Karen</u> , <u>SEDLÁDEK Jan</u> , <u>STOJDL Jiří</u>	Sediment budget and stratigraphy of dam reservoirs as anthropogenic barriers in river systems: Case studies from small-scale river catchments, Czech Republic
Poster presentations		
PP6-K1	<u>ÁLVAREZ FERNÁNDEZ María Jesús</u> , <u>FONMTELA Marcos</u> , <u>PEDROSA M. C.</u> , <u>ALEJO Irene</u> , <u>NOMBELA Miguel Ángel</u> , <u>QUINTANA Begoña</u> , <u>PÉREZ Fiz</u> , <u>FRANCÉS Guillermo</u>	Dating the Anthropocene in deep-sea sediments: a gamma spectrometric approach
PP6-K2	<u>BAJARD Manon</u> , <u>POULENARD Jérôme</u> , <u>SABATIER Pierre</u> , <u>DEVELLE Anne-Lise</u> , <u>GIGUET-COVEX Charline</u> , <u>JACOB Jérémy</u> , <u>CROUZET Christian</u> , <u>DAVID Fernand</u> , <u>PIGNOL Cécile</u> , <u>ARNAUD Fabien</u>	Progressive and regressive soil evolution phases in the Anthropocene
PP6-K3	<u>BAJARD Manon</u> , <u>POULENARD Jérôme</u> , <u>SABATIER Pierre</u> , <u>ETIENNE David</u> , <u>FICETOLA Francesco Gentile</u> , <u>CHEN Wentao</u> , <u>GIELLY Ludovic</u> , <u>TABERLET Pierre</u> , <u>DEVELLE Anne-Lise</u> , <u>REY Pierre-Jérôme</u> , <u>MOULIN Bernard</u> , <u>DE BEAULIEU Jacques-Louis</u> , <u>ARNAUD Fabien</u>	Long-term changes in alpine pedogenetic processes: effect of millennial agro-pastoralism activities (French-Italian Alps)
PP6-K4	<u>BAUX Noémie</u> , <u>MEAR Yann</u> , <u>POIZOT Emmanuel</u> , <u>MURAT Anne</u> , <u>BERYOUUNI Khadija</u> , <u>DAUVIN Jean-Claude</u>	Improving the dumping Octeville site monitoring in a dynamic environment (Bay of Seine, English Channel)
PP6-K5	<u>BECK Christian</u> , <u>FEUILLET Nathalie</u> , <u>MORENO Eva</u> , <u>GOLDFINGER Chris</u> , <u>RATZOV Gueorgui</u> , <u>SAINT-ONGE Guillaume</u> , <u>PATTON Jason</u>	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
PP6-K6	<u>DELANGHE Doriane</u> , <u>HUM Jean Louis</u> , <u>VÉRON Alain</u> , <u>CLAUDE Christelle</u> , <u>DJAMALI Morteza</u>	Sedimentological and chemical markers of early Human industries and climate shifts in Persepolis (SW Iran) during the Holocene
PP6-K8	<u>EVENSTAR Laura</u> , <u>SPARKS Stephen</u> , <u>COOPER Frances</u> , <u>LAWTON Matthew</u> , <u>ABLAY Giray</u>	Pulsed drying of the Helmand basin, Afghanistan: insights from high-resolution remote sensing of the geomorphology
PP6-K9	<u>GUERRA Lucía</u> , <u>MARTINI Mateo</u> , <u>MUÑOZ Francisco</u> , <u>FLORES Eliseo</u> , <u>PIOVANO Eduardo</u> , <u>ARIZTEGUI Daniel</u>	Limnogeological reconstructions in subtropical South America using high-altitude lake sediments at the Argentinean Eastern Cordillera
PP6-K10	<u>JOUVE Guillaume</u> , <u>VIDAL Laurence</u> , <u>ADALLAL Rachid</u> , <u>CHAPRON Emmanuel</u> , <u>BARD Edouard</u> , <u>BENKADDOUR Abdel</u> , <u>COURP Thierry</u> , <u>DEZILEAU Laurent</u> , <u>HEBERT Bertil</u> , <u>RHOUIJATI Ali</u> , <u>SIMONNEAU Anaëlle</u> , <u>SONZOGNI Corinne</u> , <u>SYLVESTRE Florence</u> , <u>RAPUC William</u> , <u>TACHIKAWA Kazuyo</u>	Recent hydrological variability of the Moroccan Middle-Atlas Mountains inferred from micro-scale sedimentological and geochemical analyses of lake sediments
PP6-K11	<u>LE CALLONNEC Laurence</u> , <u>GAILLOT Stéphane</u> , <u>BELLAVOINE Juliette</u> , <u>PONS Fabien</u>	Stable isotopic approach on mollusk shells to paleoenvironmental reconstitution: study of an urban site: Lyon (France)
PP6-K12	<u>MEYDAN Aysegül Feray</u> , <u>ORCEN Sefer</u>	Recent fluvial input to the Lake Van and its relation to lacustrine sediments; a palaeoclimatological assessment
PP6-K13	<u>PARKER Alexandre</u> , <u>COURTIN-NOMADE Alexandra</u> , <u>BORDAS François</u> , <u>ROBIN Valentin</u> , <u>MALET Emmanuel</u> , <u>FANGET Bernard</u> , <u>PIGNOL Cécile</u> , <u>DEVELLE Anne-Lise</u> , <u>SABATIER Pierre</u>	Contamination records of sediments by heavy metals in a mining-impacted dam
PP6-K14	<u>PERRIN Christine</u> , <u>HONIAT Charlotte</u>	Natural climatic archives in the ECTOPYR project: impact of past climatic fluctuations on the diversity of Pyrenean territories
PP6-L1	<u>RAMBEAU Claire</u> , <u>ANDRIEU-PONEL Valérie</u> , <u>DEMORY François</u> , <u>ALÇIÇEK Hülya</u> , <u>HELVACI Cahit</u> , <u>LEBATARD Anne-Elizabeth</u> , <u>ROCHETTE Pierre</u> , <u>PERRIN Mireille</u> , <u>NOMADE Sébastien</u> , <u>ALCICEK M. Cihat</u>	Sedimentary history of Lake Acıgöl (SW Turkey): potential for a new long-term Quaternary palaeoclimatic record in Anatolia
PP6-L2	<u>SALHI Sonia</u> , <u>OMAR Hamdi</u> , <u>HAI MESSAOUD Jihede</u> , <u>CHOKRI Yaich</u>	Progradation of the exorheic system of Oued Quadrane, southeast Tunisia: local versus global forcing
PP6-L3	<u>SORREL Philippe</u> , <u>ARGANT Jacqueline</u> , <u>NADIN Ayrton</u> , <u>INGHILLERI Justine</u> , <u>PAUCHARD Philippe</u> , <u>PEYRON Odile</u> , <u>NATON Henri-Georges</u> , <u>BRAEMER Frank</u> , <u>GEYER Bernard</u>	A late Holocene paleoclimate archive from Ayn-al-Zarqa in northern Syria (Northern Levant)
PP6-L4	<u>THIEBAULT Thomas</u> , <u>CHASSIOT Léo</u> , <u>FOUGERE Laëtitia</u> , <u>DESTANDAU Emilie</u> , <u>SIMONNEAU Anaëlle</u> , <u>VAN BEEK Pieter</u> , <u>SOUHAUT Marc</u> , <u>CHAPRON Emmanuel</u>	Record of pharmaceutical products in river sediments: a powerful tool to assess the environmental impact of urban management?

GUILLAUMET 1 (Thursday 12th)

PP6-L5	WINIARSKI Thierry, <u>MOURIER Brice</u> , TENA Alvaro, SEIGNEMARTIN Gabrielle, ROUX Gwénaelle, PIÉGAY Hervé	Interactions between regulation works, overbank sediment structures and contamination along the Rhône River channel
PP6-L6	<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

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

16:15-16:30	<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
16:30-16:45	<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)
16:45-17:00	<u>LIU Yuqiao</u> , LUO Shunshu, LYU Qiqi, HE Weiling	Controlling factors of lake gravity flow of Chang 7 Member in Ordos Basin, China: Insights from flume tank experiments
17:00-17:15	<u>RIVERA-HERNÁNDEZ Frances</u> , SUMNER Dawn, MACKEY Tyler, HAWES Ian, ANDERSEN Dale	In a PICL: the unique sedimentary facies of perennially ice-covered lakes
17:15-17:30	<u>WALDMANN Nicolas</u> , LARRASOÑA 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
17:30-17:45	<u>ZHANG Huiliang</u>	The large braided river deltaic development and stratigraphic architecture in shallow lacustrine - A case study from Bashijiqi Formation of Cretaceous, Kuqa depression, Tarim Basin

Poster presentations

CSP4-C24	<u>BOMOU Brahimsamba</u> , CASTELLANI Christopher, ADATTE Thierry, BRUNSTING Martine, PASSERA Anaïs, GAREL Emilie, HUNEAU Frédéric	Lacustrine records in Corsica during the late Holocene, palaeoenvironmental and climatic impact
CSP4-C25	<u>FONDEVILLA Víctor</u> , SCARCIOLA Fabio, ANADÓN Pere, GHINASSI Massimiliano, AGNINI Claudia, OMS Oriol	Carbon and oxygen stable isotopes from the Homo-bearing fluviolacustrine Aalat section (Pleistocene Dandiero basin, Eritrea)
CSP4-C26	<u>FRISCH Konstantin</u> , 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
CSP4-C27	<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
CSP4-C28	LIU Guoheng, <u>FU Sheng</u> , LIU Zhen, HUANG Zhilong	Sequence stratigraphy and Quaternary depositional systems in Sanhu area, Qaidam Basin, Northwest China
CSP4-C29	<u>FAN Jizong</u> , WU Shenghe	Reservoir description and the study of residual oil distribution law for Middle S36-10 in Block Pu67
CSP4-C30	<u>KUSTER Andrea</u> , 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
CSP4-C31	<u>ZHAO Lei</u> , HOU Jiagen	Application of facies controlled geological modeling method to description of shallow water delta front sub-facies
CSP4-C32	<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
CSP4-C33	<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 Shijiutuo Uplift, Bohai Offshore Basin, China
CSP4-C34	<u>LUO Zhouliang</u>	Structure controlling effect on sediment system and its significance to oil exploration in North of Dongpu Depression
CSP4-C35	<u>LYU Qiqi</u> , LUO Shunshu, 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
CSP4-C36	<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

GUILLAUMET 1 (Thursday 12th)

CSP4-D6	<u>NUTZ Alexis</u> , 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
CSP4-D7	<u>PISARSKA JAMROZY Malgorzata</u> , VAN LOON Antonius, MLECZAK Mateusz, ROMAN Malgorzata	A glaciolacustrine gravity-flow deposit with enigmatic clasts (Pleistocene, W Poland)
CSP4-D8	<u>QIAN Fang</u>	Research on sedimentary model of modern delta sediment in PoYang Lake
CSP4-D9	<u>SCHUSTER Mathieu</u> , NUTZ Alexis, BOUCHETTE Frédéric, CONTOUX Camille, GHIENNE Jean-François	Wind-driven hydrodynamics and sediment transfers in a large rift lake (Lake Turkana, Kenya)
CSP4-D10	<u>SEDLACEK Jan</u> , SIMICEK Daniel, KIELAR Ondřej	Origin and evolution of modern oxbow lakes along the Odra River, Czech Republic
CSP4-D11	<u>XU Shenmou</u> , ZHU Xiaomin	Gravity flow sedimentary characteristics and the significance of petroleum exploration of TengGeer Formation, BaiYinchagan sag, China
CSP4-D12	<u>SHI Changying</u> , DONG Chunmei, LIN Chengyan, REN Lihua	A new discovery of the Paleogene lacustrine hyperpynal flow in Dongying Depression
CSP4-D13	<u>SORREL Philippe</u> , PACTON Muriel, OBERHÄNSLI Hedi	Exploring past microbial activity in high altitude lake sediments (lake Son Kul, Central Asia): a novel approach of sedimentary facies analysis
CSP4-D14	<u>SYLVESTRE Florence</u> , <u>WALDMANN Nicolas</u> , SCHUSTER Mathieu, ABDHERAMANE Moussa, FLECKER Rachel, SCHWALB Antje, VOGEL Hendrik, ARIZTEGUI Daniel	Unravelling 10 Ma of environmental and climatic changes in Africa: the Lake Chad Deep Drilling Project (CHADRILL)
CSP4-D15	<u>WALDMANN Nicolas</u> , SYLVESTRE Florence, TEZCAN Devrim, STERN Lee, DESCHAMPS Pierre, TACHIKAWA Kasuyo, DELANGHE Doriane, DO AMARAL Paula, BARD Edouard, THOUVENY Nicolas, GARCIA Marta, MAZUR Jean-Charles, BOUCHEZ Camille, DOUMNANG Jean-Claude, JOUVE Guillaume, BOUT-ROUMAZEILLES Viviane	Holocene environmental reconstructions from south of the Sahara: insights from Lake Chad
CSP4-D16	<u>WANG Xingmeng</u> , JIANG Zhenxue, ZHAO 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
CSP4-D17	<u>YU Xinghe</u> , LI Shunli, TAN Chengpeng, LI Shengli	The response of deltaic systems to climatic and hydrological changes in Daihai Lake rift basin, Inner Mongolia, northern China
CSP4-D18	<u>WANG Guiwen</u> , LAI Jin	Utilizing image logs for sedimentary characterization in a braided delta

GUILLAUMET 2 (Thursday 12th)

CB5 Carbonate platforms		
Convenors Stéphan JORRY (IFREMER, FRA), Julien BOURGET (University of Western Australia, AUS)		
Oral presentations		
Chairman: Julien BOURGET (University of Western Australia, AUS)		
08:30-08:45	<u>WILSON Moyra</u> , LOCHE Marco, AROSI Hamed	The foundering of carbonate platforms: their sedimentary and geochemical signatures
08:45-09:00	<u>ACKOUALA MFERE Anna Perla</u> , PRÉAT 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 Nabil</u> , CHESNEL Valentin, SEGVIĆ Branimir, MAKHLOUFI Yasin, MERINO-TOMÉ Óscar, FERNÁNDEZ Luis Pedro, SAMANKASSOU Elias	Linking subaerial exposures to paleoenvironments and paleoclimates: records from the Valdorra carbonate platform, northern Spain
09:15-09:30	<u>MANIFOLD Lucy</u> , HOLLIS Cathy, KORNEVA Irina, ROTEVATN Atle, GAWTHORPE Rob, BURGESS Peter, MASIERO Isabella	Controls on carbonate platform growth within the Lower Carboniferous of the Pennine Basin
09:30-09:45	<u>PEYROTTY Giovan</u> , PEYBERNES Camille, UEDA Hayato, MARTINI 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 Benoit</u> , BRIGAUD Benjamin, GAUMET Fabrice	Large-scale prograding oolitic geometries in the Middle Jurassic "Oolithe Blanche" Formation (Paris Basin, France): new insights about their palaeoenvironmental interpretation

GUILLAUMET 2 (Thursday 12th)

Chairman: Julien BOURGET (University of Western Australia, AUS)		
10:30-10:45	TENDIL Anthony, LÉONIDE Philippe, FRAU Camille, BORGOMANO Jean, LANTEAUME Cyprien, FOURNIER François, MASSE Jean-Pierre, MASSONNAT Gérard, ROLANDO 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	GRÉLAUD Carine, RAZIN Philippe, VAHRENKAMP Volker, GROSHENY Danièle, SMITH 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	BOURGET Julien, O'LEARY Mick, WEBSTER Jody, ALLAN Tony, WILSON Moyra, JANSON Xavier, BACK Stefan, REUNING Lars, RIERA Rosine, MATONTI Christophe, GEORGE Annette, WILSON 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
11:15-11:30	COURGEON Simon, JORRY Stephan, JOUET Gwenael, CAMOIN Gilbert, BOUDAGHER-FADEL Marcelle, BACHELERY Patrick, RÉVILLON Sidonie, POLI Emmanuelle	Development of isolated carbonate platforms in active geodynamic settings: new insights from the Mozambique Channel (SW Indian Ocean)
11:30-11:45	PAUMARD Victorien, ZUCKMEYER Eric, BOICHARD Robert, JORRY Stéphane, BOURGET Julien, BORGOMANO Jean, MAURIN Thomas, FERRY Jean-Noël	Evolution of Late Oligocene - Early Miocene attached and isolated carbonate platforms in a volcanic ridge context (Maldives type), Yadana field, offshore Myanmar
11:45-12:00	WEIJ Rieneke, REIJMER John, EBERLI Gregor, SWART Peter	Random link between accommodation space, inner-platform facies distribution and sediment thickness (Holocene-Pleistocene, Bahamas)
Poster presentations		
CB5-D19	ABDELMADJID Meriem, ASSASSI Fella, BOULVAIN Frédéric	Facies analysis and paleoenvironmental interpretation of Aptian carbonates platform (Djebel Debbagh) North East Algeria
CB5-D20	AHSAN Naveed, MAHMOOD Tariq, REHMAN Saif Ur, SHAH MUMTAZ Muhammad	Margala Hill Limestone - A Ypresian carbonate ramp deposit on the subducting Indian plate margin in Kashmir Basin, NW Lesser Himalayas, Azad Kashmir
CB5-D21	AL-MOJEL Abdullah, RAZIN Philippe, LE NINDRE Yves-Michel, DERA Guillaume	Sequence stratigraphy and platform evolution of the Shaqra Group Jurassic outcrops and intrashelf Arabian Basin, central Saudi Arabia
CB5-D22	AROSI Hamed, WILSON Moyra	How do thick volcanic and/or volcanoclastic piles overlying platform carbonates influence the dynamics of carbonate-volcanogenic diagenesis?
CB5-D23	BELKHEDIM Salim, JAROSHWOSKA Emilia, BENHAMOU Miloud, MUNNECKE Axel, NEMRA Abdelkrim, SADJI Radouane Sadji	Major control of autogenic processes on peritidal and subtidal cyclicity in lower Pliensbachian -oriental Traras Mountains, Algeria North-West
CB5-D24	CARMEILLE Mehdi, BOURILLOT Raphaël, BRUNET Marie-Françoise, BARRIER Éric, PELLENARD Pierre, DUPIAS Victor, SCHNYDER Johann, BLANPIED Christian, SIDOROVA Irina	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
CB5-D25	CHEN Jing, WANG Guiwen, LAI Jin	Identification method and application of carbonate deposition microfacies using image logs: a case study from Majiagou Formation of Ordos Basin, North China
CB5-D26	COUNTS John, JORRY Stephan, JOUET Gwenael	Allochthonous slope and basinal carbonates adjacent to isolated platforms in the Mozambique Channel: stratigraphic architecture, depositional controls, and implications for carbonate facies models
CB5-D27	CRUZ Alberto, SUC Jean-Pierre, REIS A. Tadeu Dos, SILVA Cleverson Guizan, GRANJEON Didier, POPESCU Speranta-Maria, GORINI Christian	Death of a tropical carbonate platform: study case of the carbonate shelf off the Amazon River, Brazilian Equatorial margin
CB5-E1	DUVAL-ARNOULD Aude, SCHRÖDER Stefan, REDFERN Jonathan, BULOT Luc	Mixed siliclastic and carbonate shelf-margin deposition in the Jurassic Agadir-Essaouira Basin, Morocco: understanding the evolution of the Atlantic margin carbonate platforms
CB5-E2	JOUET Gwenael, 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/siliclastic platforms (SW Indian Ocean)
CB5-E3	LE ROY Pascal, 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
CB5-E4	LUO Shunshu, 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
CB5-E5	MA Debo, LI Honghui, TAO Xiaowan	An old remnant carbonate platform margin in Tarim Basin, Northwest China: its geological model and control on reservoir
CB5-E6	Pas Damien, 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)

GUILLAUMET 2 (Thursday 12th)

CB5-E7	<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
CB5-E8	<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
CB5-E9	<u>WANG Ruyi</u>	The seismic geomorphological analysis of tidal channels in Cretaceous Mishrif Formation of carbonate platform, Arabian Gulf, Iraq
CB5-E19	<u>YANG Xiaoqun</u> , LI Zhong, FAN Tailiang, 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

Chairmen: Julien DENAYER (Université de Liège, BEL), Giovanna DELLA'PORTA (University of Milan, ITA)

16:15-16:30	<u>CORKERON Maree</u>	Stromatolite framework builders of a Cryogenian reef
16:30-16:45	<u>POTY Edouard</u> , DENAYER Julien, MOTTEQUIN Bernard	Development and decease of the so-called Frasnian reefs in the Frasnian of Belgium
16:45-17:00	<u>BODIN Stéphane</u> , 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 Alessandro</u> , 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 Jean</u> , 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 Stephan</u> , 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 Markus</u>	Famennian and Mississippian reefs and mounds in western Europe and North Africa
CB1-E21	<u>BAIBATSHA Adilkhan</u>	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 Oscar</u> , 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 Eduard</u> , FERRÁNDEZ-CAÑADELL Carles, BOVER-ARNAL Telm, SALAS Ramon	Larger Foraminifera biostratigraphy of the early Miocene carbonate platforms of the Falcón Basin (NW Venezuela)
CB1-E24	<u>DENAYER Julien</u>	Rolling reefs in the Late Devonian of Belgium
CB1-E25	<u>FERRY Serge</u>	Grow faults affecting geometry and sequence stratigraphic record on a carbonate platform edge: South Vercors Urganian platform, France
CB1-E26	<u>HAMD Jihad</u> , CERPEI Adrian, SWENNEN Rudy, LOISY Corinne	Tectonic and sedimentary evolution of the platform-Ionian basin in the Upper Cretaceous in Albania
CB1-E27	<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
CB1-E28	<u>KORALAY Tamer</u> , ÖZKUL Mehmet	Geochemical and C-O isotopic signature of Thionta antique marbles (Denizli – SW Turkey)

GUILLAUMET 2 (Thursday 12th)

CB1-F1	<u>LASSEUR Éric</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
CB1-F2	<u>MOUCHI Vincent</u> , GODBILLOT Camille, VERRECCHIA Éric, 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
CB1-F3	<u>PELLAN Cédric</u> , FONTANELLI Laurent, ZEN Devi, LEON CARRERA Maria Fernanda, MACHIN PALACIOS Javier	4D stratigraphic modeling of a Tertiary carbonate system
CB1-F4	<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)
CB1-F5	<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)
CB1-F6	<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)
CB1-F7	<u>VISHNEVSKAIA Irina</u> , LETNIKOVA Elena, PROSHENKIN Artem, SOLOSHENKO Natalia	Ediacaran sediments of Siberian platform: Vorogovka Group
CB1-F8	<u>JIN Xiuju</u>	Development characteristics and exploration potential of "multi-stage & multi-row" Reef reservoir in Changxing formation of Puguang exploration area
CB1-F9	<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
CB1-F10	<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

SPOT (Thursday 12th)

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

Convenors Luca CARACCILO (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

Chairman: Luca CARACCILO (FAU University Nürnberg-Erlangen, DEU)

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> , GODDÉRIIS 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
Chairman: Gert Jan WELTJE (University of Leuven, BEL)		
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>CARACCILO 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
11:45-12:00	<u>HENARES Saturnina</u> , WELTJE Gert Jan, BLOEMSMA Menno, DONSELAAR Rick	Integrated core analysis: automated mapping of diagenetic anomalies and provenance changes for reservoir-quality assessment
Poster presentations		
CSP3-B19	<u>ÄRLEBRAND Angelica</u> , AUGUSTSSON Carita, ESCALONA Alejandro	Depositional setting and diagenesis as keys to reservoir quality: Lower Cretaceous in the southwest Barents Sea
CSP3-B20	<u>ARRIBAS Jose</u> , HERRERO María J., OCHOA María, OMODEO-SALÉ Silvia, ESCAVY José I.	Early and late surficial kaolinite cements: constraints in a palaeo petroleum system, Cameros Basin, Spain
CSP3-B21	BONNE Kathelijne, <u>CARACCILO Luca</u>	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
CSP3-B22	<u>CHANG Tae Soo</u> , HA Hun Jun, HA 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
CSP3-B23	<u>CHANVRY Emmanuelle</u> , PONTE Jean Pierre, BABY Guillaume, DALL'ASTA Massimo, ROBIN Cécile, GUILLOCHEAU François, FERRY 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
CSP3-C1	<u>CHATTERJEE Anirban</u> , RAY Jyotirajan	Geochemical evidence for a Holocene Saraswati river and its role in the evolution of the Harappan civilisation
CSP3-C2	<u>CHOI Taejin</u> , LEE Yong Il	Provenance of the Upper Paleozoic Taeon Formation in the western Gyeonggi Massif, central western Korea and its paleogeographic implications
CSP3-C3	<u>FONTANA Daniela</u> , AMOROSO Sara, MINARELLI Luca, MARCHETTI DORI Simona, STEFANI Marco	Source layer identification of liquefied sands ejected during the blast-induced liquefaction test at Mirabello (Ferrara, Italy) through a quantitative compositional study
CSP3-C4	<u>LIEBERMANN Christof</u> , GOUGH Amy, HALL Robert	Provenance of sediments from Sumatra, Indonesia
CSP3-C19	<u>LIU Kuiwu</u>	Diagenesis of the siliciclastic Permian Eccu Group sandstone
CSP3-C20	<u>MENG Xiao</u>	Reservoir characteristics and evaluation of tight sandstone oil reservoir in Chang7-Chang8 member of Jinghe oilfield
CSP3-C21	<u>MENG Xiao</u>	Diagenesis and reservoir quality of the Yanchang Formation tight sandstone in Binchang area, China
CSP3-C22	<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 (Peira Cava, SE France): implications for flow hydrodynamics and reservoir quality
CSP3-C23	<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
CSP3-D1	<u>SUN Haitao</u> , ZHONG Dakang	Porosity and diagenetic heterogeneity of turbidite sandbody in Shahejie Formation, Bohai Bay Basin, China and implications
CSP3-D2	<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
CSP3-D3	<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
CSP3-D4	<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
CSP3-D5	<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), Dani GARCIA-CASTELLANOS (ICTJA-CSIC Barcelona, ESP)

Oral presentations

Chairmen: Virginie GAULLIER (UMR LOG 8187 CNRS-Lille1-ULCO, FRA), Vanni ALOISI (CNRS Paris, FRA)

16:15-16:30	<u>RYAN William</u>	Using the Messinian Salt Giant as a template for earlier salt giants
16:30-16:45	<u>LOFI Johanna</u> , CAMERLENGHI Angelo, MADOF Andrew, MAILLARD Agnès, RYAN William	The Messinian Salinity Crisis scenarios: what offshore seismic records tell us
16:45-17:00	<u>CAMERLENGHI Angelo</u> , DEL BEN Anna, FORLIN Edy, GELETTI Riccardo, MOCNIK Arianna, SAULE Marco	Seismic imaging of Messinian Evaporites in the Ionian Basin
17:00-17:15	<u>STERNAI Pietro</u> , CARICCHI Luca, GARCIA-CASTELLANOS Daniel, JOLIVET Laurent, SHELDRAKE Thomas, Sébastien CASTELLTORT	Magmatic pulse driven by sea-level changes associated with the Messinian salinity crisis
17:15-17:30	<u>POPESCU Speranta-Maria</u> , SUC Jean-Pierre, BARHOUN Nadia, MELINTE-DOBRIANESCU 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
17:30-17:45	<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		
T1-A29	<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
T1-A30	<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, SIERRA Francisco-Javier, VERDEIL Eric	SALTGIANT: a European Training Network dedicated to Understanding the Mediterranean Salt Giant
T1-A31	<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.
T1-A32	<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
T1-A33	<u>GAULLIER Virginie</u> , VENDEVILLE Bruno, BESÈME Gaëtan, LEGOUX Grégoire, DEVERCHÈRE Jacques, LYMER Gaël	Gravity-driven salt tectonics above a rising basement plateau offshore Algeria
T1-A34	<u>GAULLIER Virginie</u> , LYMER Gaël, VENDEVILLE Bruno, CHANIER Frank	Salt tectonics on the Eastern Sardinian Margin (Western Tyrrhenian Sea): proxy to reveal recent post-rift crustal tectonics
T1-A35	<u>GIBERT Luis</u> , GARCÍA-VEIGAS Javier, JESUS 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
T1-A36	<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
T1-B11	<u>MCKENZIE Judith A.</u> , EVANS Nick, HODELL David, ALOISI Giovanni, VASCONCELOS Crisogono	Upward migration of unusual Mg-SO ₄ bearing fluids from underlying Messinian Salt Giant: An example of on-going subsurface diagenetic alteration of earliest Pliocene/latest Miocene sediments at DSDP Leg 42. Site 374, Ionian Abyssal Plain
T1-B12	<u>NATALICCHIO Marcello</u> , BIRGEL Daniel, PECKMANN Jörn, LIU Xiaolei, HINRICHS Kai-Uwe, DELA Pierre Francesco	TEX86-based seawater paleotemperature estimates across the onset of the Messinian salinity crisis

SPOT (Thursday 12th)

T1-B13	<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.
T1-B14	<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)
T1-B15	<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, Cantabric Zone, NW Spain)
T1-B16	<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
T1-B17	<u>THOMAS Camille</u> , GROSSI Vincent, IONESCU Danny, ARIZTEGUI Daniel	The Dead Sea subsurface biosphere as analog of microbial activity in salt giant deposits
T1-B18	<u>VAN DEN BELT Frank</u> , DE BOER Poppe	Towards an integrated depositional model for salt giants

ARGOS (Thursday 12th)

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

Chairmen: Sanem ACIKALIN (Newcastle University, GBR), Stuart JONES (Durham University, GBR)

08:30-08:45	<u>WILKINSON Mark</u>	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 Stephan</u>	Diagenesis on the edge - Clay mineral coats and quartz overgrowth
09:15-09:30	<u>VIROLLE Maxime</u> , 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 Iris T. E.</u> , 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 Laura</u> , 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

FSD4-18	<u>ACIKALIN Sanem</u> , MCGHEE Claire, HAGE Sophie, AZPIROZ María, 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
FSD4-19	TRIGOS Laura, <u>HERRERO María J.</u> , OCHOA María, ARRIBAS Jose	Reservoir quality of Ordovician sandstones from the Illizi Basin, Algeria: the role of illite cements
FSD4-110	<u>BEN ALAYA Sonia</u> , BEN REGUIGA Mohamed Sghaier	Clays distribution and reservoir quality of Ordovician sandstones in South Tunisia
FSD4-111	BOTTIG Magdalena, <u>GIER Susanne</u> , JILG Wolfdietrich	Porosity and permeability-reduction by clay mineral authigenesis in an underground gas storage field, North Alpine foreland basin, Austria

FSD4-I12	<u>GRIFFITHS Joshua</u> , WORDEN Richard, DULLER Robert, UTLEY James, WOOLDRIDGE Luke	Estuarine clay mineral distribution: modern Holocene analogue for reservoir quality prediction
FSD4-I13	<u>LAI Jin</u> , WANG Guiwen	Diagenesis controls on reservoir quality in tight oil sandstones
FSD4-I14	<u>OYE Olakunle</u> , APLIN Andrew, JONES Stuart, GLUYAS Jon, BOWEN Leon, ORLAND Ian, VALLEY John	Vertical effective stress influences quartz cementation in sandstones - Myth or reality?
FSD4-J1	<u>PSZONKA Joanna</u> , GÖTZE Jens	"No information - good information"? viz how to make Nomarski DIC microscopy into an estimate of interstitial clays in sandstones
FSD4-J2	<u>RAVIER Edouard</u> , BUONCRISTIANI Jean-François, MOURGUES Regis, PORTIER Éric	Fluid overpressure impacts on clay remobilisation: natural examples, analog modelling and reservoir implications
FSD4-J3	ROIGE Marta, GÓMEZ-GRAS David, CAJA Miguel Ángel, REMACHA Eduard, <u>GÉRARD Jean</u> , BOYA 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
FSD4-J4	<u>SUN Xiaolong</u> , LIN Chengyan, ZHANG Xianguo, LIN Jianli, ZHAO Zhongxiang, MA Cunfei	Types and distributions of clays and the effect on quality in low-permeability clastic reservoirs
FSD4-J5	<u>TAGLIAVENTO Mattia</u> , STEMMERIK Lars	Influence of clay on chalk diagenesis
FSD4-J6	<u>WEI Wang</u>	Microscopic pore throat characteristics of gravity flow sandstone reservoirs of Yingcheng formation in Longfengshan subsag, China
FSD4-I1	WOOLDRIDGE Luke, WORDEN Richard, <u>GRIFFITHS Joshua</u> , UTLEY James, THOMPSON Anu, DULLER 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

Chairman: Mélanie LOUTERBACH (REPSOL Madrid, ESP), Julien BAILLEUL (UniLaSalle, FRA)

10:30-10:45	<u>OLAUSSEN Snorre</u> , OLAUSSEN Snorre	Play concepts of the Upper Palaeozoic and Mesozoic successions in the Greater Barents Sea based on key sequence stratigraphic surfaces
10:45-11:00	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
11:00-11:15	<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
11:15-11:30	<u>LOUTERBACH Mélanie</u> , FERNANDEZ Oscar, SISINNI Valeria, GUTIERREZ Manuel, ZAMORA VALCARCE Gonzalo	Exploration potential of the Northern Bolivia Subandean thrust belt (Beni Basin)
11:30-11:45	<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)
11:45-12:00	<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

SR3-A1	<u>BADER Anne-Gaëlle</u> , BECCALETTO Laurent	Inventory of the French salt formations for energy storage in salt cavities (FLUIDSTORY ANR project)
SR3-A2	<u>BECCALETTO Laurent</u> , BADER Anne-Gaëlle, BIALKOWSKI 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)
SR3-A3	<u>BLOUET Jean-Philippe</u> , IMBERT Patrice, HO Sutieng	Paragenesis of seep carbonates as recorder of transient gas migration mechanisms through fractures
SR3-A4	<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

SR3-A5	<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
SR3-A6	<u>FANG Huijing</u> , XU Haimin, LEI Zhicheng, TIAN Wen	A new exploration direction: residual oil zone in the Tarim Basin, NW China
SR3-A7	<u>FU Sheng</u> , LIU Zhen	Sedimentary facies and hydrocarbon reservoir of Wulan-hua sag, Erlian basin
SR3-A8	<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
SR3-A9	<u>JABIR Adel</u> , CEREPY Adrian, LOISY Corinne, RUBINO Jean-Loup	Stratigraphy, sedimentology and paleogeography of a Paleozoic succession, Ghadames and Jefarah basin, Libya and Tunisia
SR3-A19	<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)
SR3-A20	<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
SR3-A21	<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
SR3-B1	<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
SR3-B2	<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
SR3-B3	<u>ZHOU Xiaoxiao</u> , GAO Gang, LÜ Xiuxiang, GAN Jun	Petroleum system analysis of WZ12-2 oilfield in the poorly developed Weixi'nansag 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 (IFP School, FRA), Jean Loup RUBINO (TOTAL, FRA)

Oral presentations

Chairman: Rémy DESCHAMPS (IFPEN, FRA)

16:15-16:30	<u>ROSSI Massimo</u> , JACQUIN Thierry	New play concepts associated to submarine unconformities developed along hinged margins: lessons learned from outcrops and seismic
16:30-16:45	<u>HAMON Youri</u> , DOLIGEZ Brigitte, ROHAIS Sébastien, DESCHAMPS Rémy, MARTA Gasparrini, BARBIER Mickael, SCHMITZ Julien, JOSEPH Philippe	Integrated workflow for characterization and modeling of an outcrop analog of pre-salt series : insights from the Yacoraita Fm., Salta rift system (NW Argentina)
16:45-17:00	<u>VISERAS Cesar</u> , YESTE Luis, GARCIA Fernando, HENARES Saturnina, CARACCILO 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
17:00-17:15	<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)
17:15-17:30	<u>TAGLIAVENTO Mattia</u> , KAMMANN Janina, STEMMERIK Lars, NIELSEN Lars, MALEHMIR Alireza	Linking high resolution seismic, geology and photogrammetry of the Maastrichtian Chalk, Stevns Klint, Denmark
17:30-17:45	<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

SR4-A22	<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
SR4-A23	BATTARA Enrica, <u>RIVA Alberto</u> , BORELLO Stefano, FERRETTO 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
SR4-A24	<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

ARGOS (Thursday 12th)

SR4-A25	<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
SR4-A26	<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
SR4-A27	<u>GUO Wei</u> , DONG Chunmei, LIN Chengyan	Application of Ground-penetrating Radar in characterization of braided river reservoir configuration
SR4-B4	<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
SR4-B5	<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
SR4-B6	<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
SR4-B7	<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
SR4-B8	<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
SR4-B9	<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