

CONFERENCE HANDBOOK

Third Circular & Programme of 31st IAS Meeting of Sedimentology

22nd–25th June 2015, Kraków



ORLEN GROUP.
FUELLING THE FUTURE.

GEOLOGY

**RESERVOIR
ENGINEERING**

DRILLING



**PRODUCTION
PROCESSES**



**E&P PROJECT
ANALYSIS**



**ENVIRONMENTAL
PROTECTION
HSE**



GEOPHYSICS




ORLEN **Upstream**

www.orlenupstream.pl

ORGANIZED BY

Polish Geological Society

Institute of Geological Sciences, Jagiellonian University in Kraków

Institute of Geological Sciences, Polish Academy of Sciences

Faculty of Geology, University of Warsaw

SUPPORTED BY

International Association of Sedimentologists

UNDER THE AUSPICES OF

Rector of the Jagiellonian University in Kraków, Professor Wojciech Nowak

Under-Secretary of State, Chief National Geologist, Dr Sławomir Brodziński

ORGANIZING COMMITTEE

Michał Gradziński Chairman (Jagiellonian University in Kraków)

Mariusz Kędzierski Secretary (Jagiellonian University in Kraków)

Grzegorz Haczewski (Institute of Geological Sciences, Polish Academy of Sciences in Kraków)

Renata Jach Field trip co-ordinator (Jagiellonian University in Kraków)

Piotr Jaglarz Short course coordinator (Jagiellonian University in Kraków)

Artur Kędzior (Institute of Geological Sciences, Polish Academy of Sciences in Kraków)

Bogusław Kołodziej (Jagiellonian University in Kraków)

Ewa Malata (Jagiellonian University in Kraków)

Ewa Niesiołowska (Jagiellonian University in Kraków)

Tomasz Rychliński (Jagiellonian University in Kraków)

Steven De Vriese Webmaster (International Association of Sedimentologists)

Anna Wysocka (University of Warsaw)

Wojciech Wróblewski (Jagiellonian University in Kraków)

SCIENTIFIC COMMITTEE

Daniel Ariztegui (Geneva, CH)

Roman Aubrecht (Bratislava, SK)

Ondřej Bábek (Olomouc, CZ)

Mark Bateman (Sheffield, UK)

Thilo Bechstädt (Kraków, PL)

Zdzisław Bełka (Poznań, PL)

Krzysztof Birkenmajer (Kraków, PL)

Pavel Bosák (Prague, CZ)

Marc De Batist (Gent, BE)

Poppe de Boer (Utrecht, NL)

Giovanna Della Porta (Milan, IT)

Pierre Francus (Québec, CA)

Tracy Frank (Lincoln, USA)

M. Adam Gasiński (Kraków, PL)

Hans-Jürgen Gawlick (Leoben, AU)

Andrzej Gaździcki (Warsaw, PL)

Ryszard Gradziński (Kraków, PL)

Adrian Immenhauser (Bochum, DE)

Juraj Janočko (Košice, SK)

Krzysztof Jaworowski (Warsaw, PL)

Józef Kaźmierczak (Warsaw, PL)

Krzysztof P. Krajewski (Warsaw, PL)

Jerzy Lefeld (Warsaw, PL)

Stanisław Leszczyński (Kraków, PL)

Stephen Lokier (Abu Dhabi, AE)

Stanisław Lorenc (Poznań, PL)

Jacek **Matyszkiewicz** (Kraków, PL)
Jozef **Michalik** (Bratislava, SK)
Sigrid **Missoni** (Leoben, AU)
Jacek **Motyka** (Kraków, PL)
Nigel **Mountney** (Leeds, UK)
Slavomír **Nehyba** (Brno, CZ)
Wojciech **Nemec** (Bergen, NO)
Kajetan **d'Obyrn** (Wieliczka, PL)
Nestor **Oszczypko** (Kraków, PL)
Vincenzo **Pascucci** (Sassari, IT)
Tadeusz **Peryt** (Warsaw, PL)
Grzegorz **Pieńkowski** (Warsaw, PL)
Szczepan **Porębski** (Kraków, PL)
Piotr **Roniewicz** (Warsaw, PL)

Grzegorz **Racki** (Sosnowiec, PL)
Andrzej **Radwański** (Warsaw, PL)
Stanisław **Skompski** (Warsaw, PL)
Tadeusz **Słomka** (Kraków, PL)
Ján **Soták** (Banská Bystrica, SK)
Joachim **Szulc** (Kraków, PL)
Michał **Szulczewski** (Warsaw, PL)
Andrzej **Ślęczka** (Kraków, PL)
Alfred **Uchman** (Kraków, PL)
David **Uličný** (Prague, CZ)
Michael **Wagreich** (Vienna, AU)
Jurand **Wojewoda** (Wrocław, PL)
Tomasz **Zieliński** (Poznań, PL)

Secure and reliable supplies

A diversified supply base is a guarantee of Poland's energy security and the wellbeing of our Customers



PGNiG is aware that a diversified supply base and new investments help improve the stability of supplies. This is why our strategic focus is on developing oil and gas production, and why security and quality are our primary concerns.



WELCOME

We are most honoured to welcome you cordially to Kraków, the cradle of Polish sedimentology, for the 31st IAS Meeting of Sedimentology to be held on the **22nd–25th of June 2015**.

Kraków will host an IAS meeting for the second time, 29 years after the IAS 7th European Regional Meeting in 1986. The IAS annual meetings are an excellent opportunity to share research experience and progress in ideas, to discuss all new hot or controversial topics, to initiate collaborative projects, and also to become acquainted with the sedimentary successions and their studies in the host country.

The late June in Kraków – an architectural pearl among the medieval central European cities – is still the time of an active

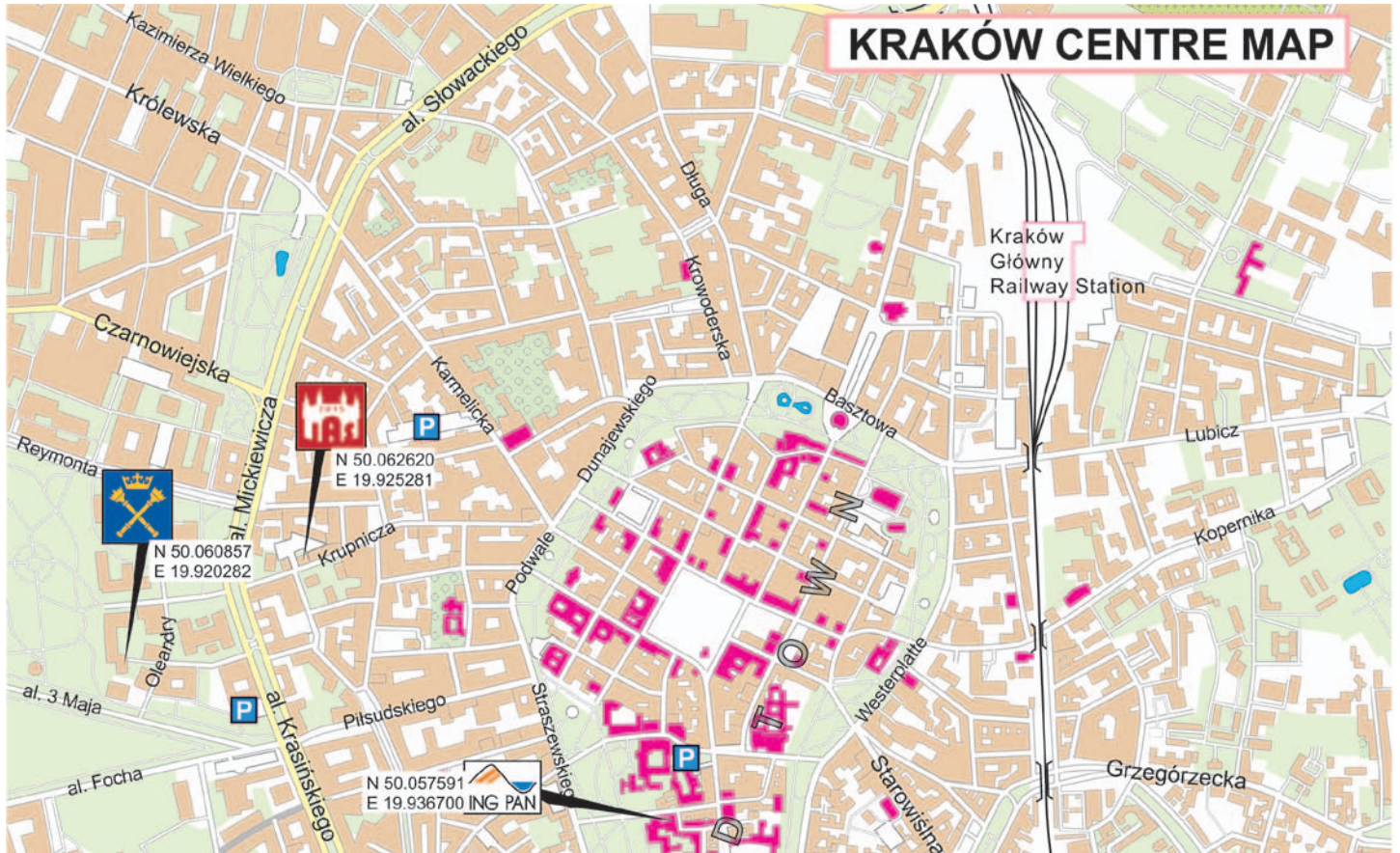
academic life, when the city is full of its students and the wave of tourists is just starting to swell.

The city of Kraków is geologically located at the boundary of the young Carpathian Mountains and the old European Platform, with a plethora of sedimentary rock successions and research issues. This location allows us to offer the participants a wide range of topics for the pre- and post-meeting field trips.

It is our hope and belief that you will find this meeting a meaningful and memorable one.

For the organizing committee,
Michał Gradziński

KRAKÓW CENTRE MAP





VENUE

Kraków (Cracow), the historical capital of Polish kings, lies in the place where the Vistula River crosses the narrowest segment of the Carpathian foredeep, between the Carpathian foothills built of flysch and the cliff-flanked horsts of karstified Oxfordian limestones. The medieval Old City, now surrounded by the modern city with a population of ca. 760 000, is delineated by a narrow green belt known as the Planty Park, created in the place of the ancient moat and town walls, of which one majestic section is preserved. The Old City, with its spectacular Main Market Square and Cloth Hall, is a UNESCO world heritage site housing dozens of ancient churches and other architectural monuments. It now hosts also hundreds of restaurants, pubs, coffee bars, clubs, museums, exhibition halls and commercial shops (see krakow.pl). The Old City abuts on the Vistula River, where the limestone horst of Wawel Hill rises topographically with the Royal Castle and Cathedral at the top. The hill has a karst cave formed by ascending thermal waters. This is the famous Polish cave, which – according to a legend – was once occupied by a dragon. This Dragon's Den is now open for visitors, as is also the whole Royal Castle museum complex.

Adjacent to the Old City is Kazimierz, another historical district

of the city, originally a separate medieval independent town with its own town hall, churches and synagogues.

The numerous museums and exhibitions in Kraków include several geological ones. The city abounds also in interesting geological outcrops including numerous abandoned quarries at the city peripheries. The underground of the Old City, with excavated basements of medieval constructions, is now accessible at the Main Market Square as a spectacular [subterranean exhibition](#).

The Jagiellonian University. The Old City includes also the historical original buildings of the Jagiellonian University, founded in 1364. The university's most prominent alumni included Nicolaus Copernicus and Pope John Paul II. It was also the cradle of Polish geology. Geological research has been conducted here since 1782 and regular education in geology began in 1886. The university has ever since been one of the leading centres of geological science in Poland, with its pioneer geologists using the same chemical laboratory where Zygmunt Wróblewski and Karol Olszewski had for the first time liquefied oxygen, nitrogen and carbon dioxide in stable state. One of the

major results of the early regional studies was the Geological Atlas of Galicia, a set of 99 detailed geological maps 1:75 000 with comprehensive volumes of explanations, covering the area of Galicia, then a province of the Austro-Hungarian Empire.

After the World War I, when Poland was reborn as an independent state after the 123 years of partitioning between three neighbouring countries, the [Polish Geological Society](#) was established in Kraków and soon initiated publication of the first Polish geological journal, presently known as *Annales Societatis Geologorum Poloniae*. Many pioneering sedimentological papers, particularly on flysch deposits, were published in this journal, whose full contents are now [available online](#).

Extensive geological research and education have concurrently been conducted at the city's Academy of Mining and Metallurgy (AGH), established after the World War I and presently known as the AGH University of Science and Technology. Other important centres of geological research in Kraków are the local branch of the Institute of Geological Sciences of the Polish Academy of Sciences and the Carpathian Division of the Polish Geological Survey (PIG).

It is fair to say that the Polish sedimentology originated in Kraków, in the middle of 20th century. Marian Książkiewicz

(1906–1981), as a professor at the Jagiellonian University, conducted his ground-breaking studies on the geology of the Carpathians and the sedimentary structures of the Carpathian flysch. His pioneering research was advanced further by his several students, including Stanisław Dżułyński (1924–2001) who – in collaboration with Philip H. Kuenen and Edward K. Walton across the infamous political ‘iron curtain’ – contributed significantly to the original concept of turbidity current. A spectacular collection of Stan Dżułyński's samples of turbidite solemarks is on a permanent display in the museum of the Jagiellonian University's Institute of Geological Sciences (only a 10-minute walk from the meeting venue). Last, but not least, it is also in Kraków where the first and only Polish sedimentological textbook ‘Sedymentologia’ was so successfully conceived by Ryszard Gradziński, Aleksandra Kostecka, Andrzej Radomski and Rafał Unrug in 1976.

Conference centre

The meeting will be held in the modern conference centre of the Jagiellonian University, called [Auditorium Maximum](#). This facility was opened in 2005 and offers an amphitheatrical main lecture hall with 1200 seats, divisible into two independent

parts, as well as one additional hall with 250 seats, two halls with 150 seats each, and one other hall with 100 seats. The halls are fully equipped with multimedia services and the building is completed with catering, sanitary and several other facilities.

Internet access

Wi-Fi is available for all Meeting participants in the entire of Auditorium Maximum.

Access point: Maximum

Password: ias2015



Photo Anna Wojnar

Organizing committee:

phone: +48 519 307 990

e-mail: ias2015@uj.edu.pl

Jordan Group

(meeting official partner – information concerning accommodation, airport transfers and individual social programme):

Jordan Group, Congress Bureau

phone: +48 12 341 61 64 (office), +48 508 042 216 (mobile)

fax: +48 12 341 61 63

e-mail: kongres@jordan.pl

LEVEL 0 (ground floor)

Conference rooms:

Pangea



Pangea I



Pangea II



Laurentia



Gondwana



Baltica



Bistro



toilets



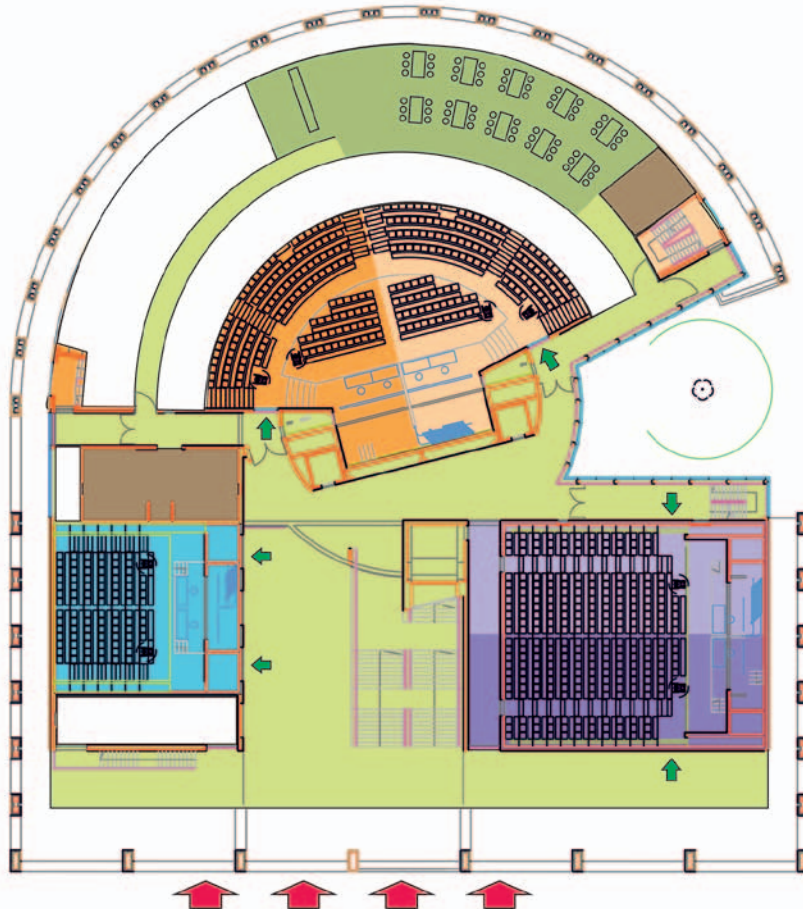
lobby and communication space

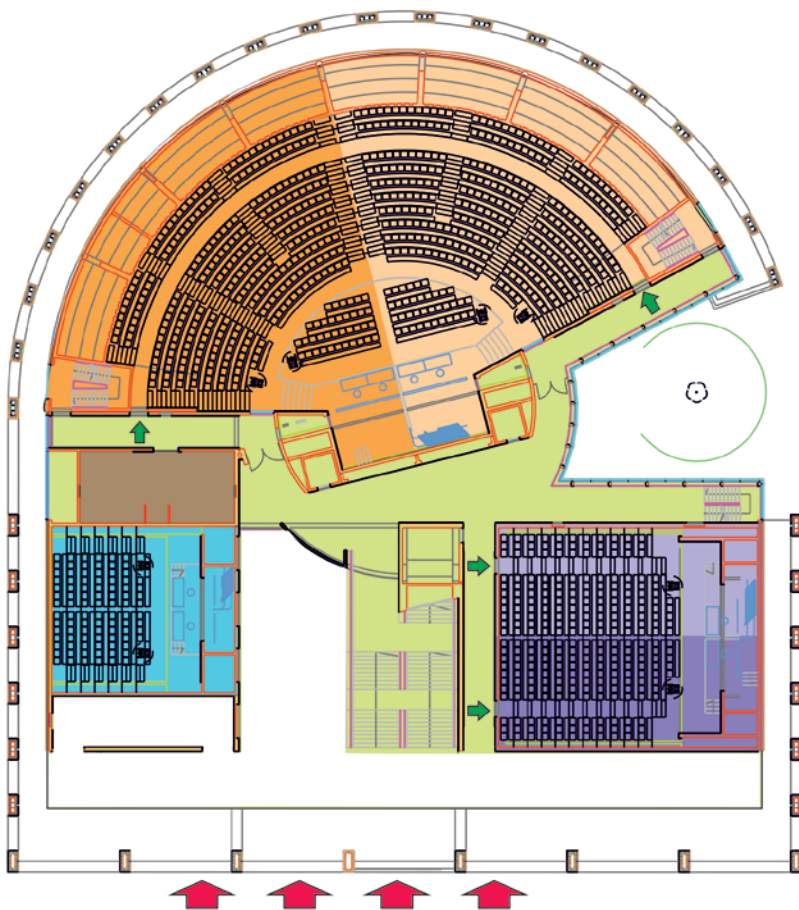


main entrance to the building



entrance to conference rooms

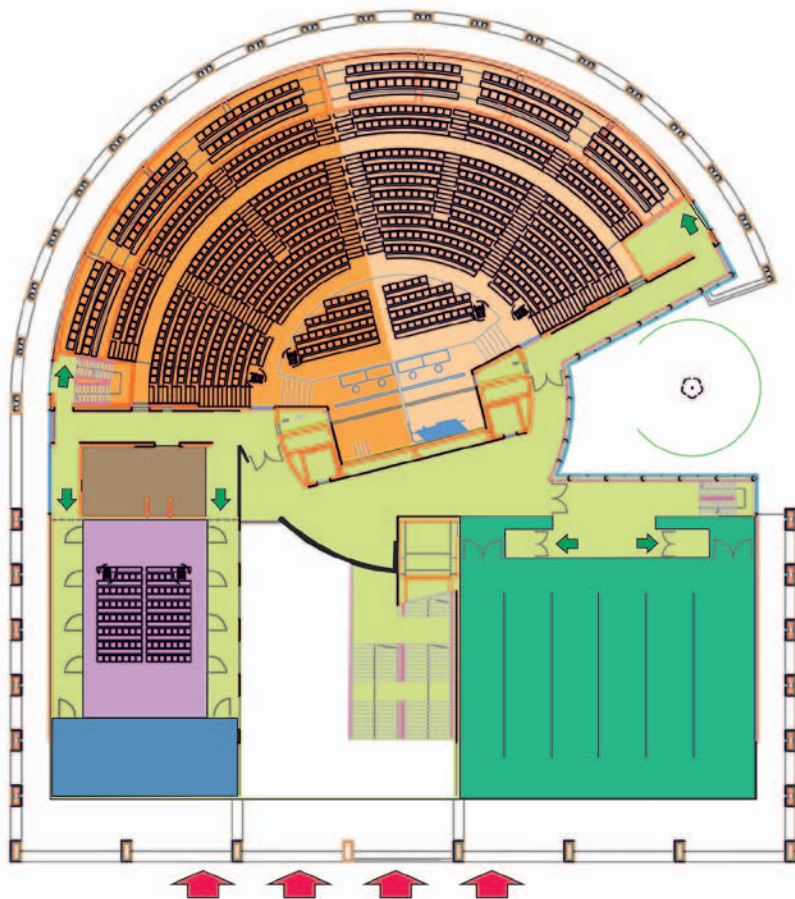




LEVEL +1

Conference rooms:

- Pangea**
- Pangea I
 - Pangea II
 - Laurentia
 - Gondwana
 - Baltica
 - toilets
 - lobby and communication space
 - main entrance to the building
 - entrance to conference rooms



LEVEL +2

Conference rooms:

Pangea



Pangea I



Pangea II



Panthalassa



Tethys



Iapetus



toilets



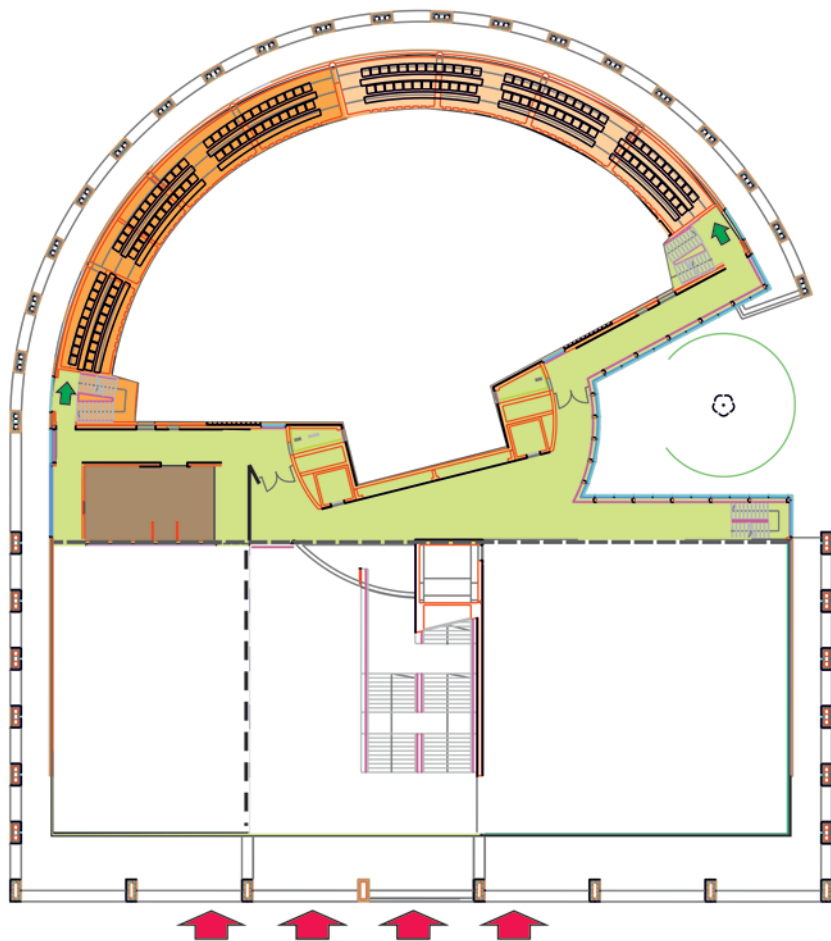
lobby and communication space



main entrance to the building



entrance to conference rooms



LEVEL +3

Conference rooms:

Pangea



Pangea I



Pangea II



Panthalassa



Tethys



lapetus



toilets



lobby and communication space



main entrance to the building



entrance to conference rooms

TRAVEL

Getting to Kraków

By air

Kraków International Airport (John Paul II Kraków Balice Airport; KRK) is the second largest airport in Poland, hosting 47 regular connections to 44 airports (including main European cities) in 15 countries. 11 airlines will operate from the airport in Kraków. The airport serves more than 3 million passengers per year – <http://www.krakowairport.pl/en/>.

The airport is 11 km from the city centre/conference venue. Going to the city centre, you can take following public bus lines: 292 (runs every 20 minutes, the drop off bus stop Cracovia Błonia, then ca. 10 minute walk to the conference centre), 208 (runs once an hour), and 902 (night bus service between 23.00 and 4.00, runs every hour). One way ticket price in zone I – 4,00 PLN. For local bus travel information please visit: MPK (<http://mpk.krakow.pl/en/prices-of-tickets/>) which provides bus service in Kraków. Another option is a taxi. Officially licensed taxis stand outside the main entrance. The cost to the city centre should not exceed 80 PLN (20 Euro approximately).

The train connection has been suspended on the 1st February 2014. The rail traffic is planned to be restored within 1–1.5 years following the beginning of the modernisation works, therefore, there is no certainty that the train will be working during the Meeting.

Please note that **JORDAN Group** provides transport services for individual guest or groups from and to the airport or railway station to hotels.

There is also Katowice-Pyrzowice Airport (2.5 mln passangers per year) at a distance around 100 km from Kraków city centre. There are regular bus connections between this airport and Kraków (every 1.5 h; the ticket price ca. 50 PLN) (<https://www.katowice-airport.com/en/index/index/0#>).

By rail

The main railway station (Dworzec Główny) is conveniently situated in the very centre of the city. There is a good train connection between Warszawa and Kraków (Pendolino, Inter-City or express trains go every hour during day, in a case of Pendolino journey lasts 2.5 hr). Kraków has direct railway connections with neighbouring countries. Visit the <http://rozklad-pkp.pl/en> website for details. Taxi stand you will find outside the main entrance as well as at the top floor car park.

By coach

The MDA Bus Station in Kraków (Dworzec Autobusowy) located in Bosacka Street in the city centre, in the close proximity to the main railway station. There is a coach connection to many Polish cities and to some European countries. Visit the <http://www.mda.malopolska.pl/en.home.html> website for details.

By car

The A4 motorway, via Wrocław and Katowice, leads to Kraków from Western Europe. There is also an easy direct access by main roads from the neighbouring Ukraine (A4 motorway), Slovakia and the Czech Republic (A1 and then A4 motorway). Three traffic restriction zones (A, B, P) are obligatory in the city. It is necessary to pay parking fees within these zones. Parking cars in these zones without payment of parking fees is prohibited. Several hotels and are situated in the restricted zones (entrance to zones A and B are restricted only for hotel guests).

The Auditorium Maximum (conference venue) is situated within the zone P1. Parking is permitted only in designed areas. Absolute priority is given to pedestrians and the maximum driving speed should not exceed 30 km/h. We strongly suggest to leave your car on the hotel parking or one of the city car parks (signed in the map, p. 6–7) and use the public transportation or walk.

Tourist information

As a popular tourist city, Kraków has an extensive accommodation infrastructure. The regular city transport includes inexpensive tramways, buses and taxis. The tourist in-city services include el-car mini-coaches and ‘romantic’ horse-driven carts, whereas proper air-conditioned buses are used for all out-of-city trips. One of the must-see place is the unique and unforgettable undergrounds of the Wieliczka Salt Mine near Kraków (<http://www.wieliczka-saltmine.com/>).

Kraków is also generally appreciated for its night life and a wide range of cultural entertainment, including live music from jazz to rock. (Anyway, the food and drinks in Poland are relatively inexpensive.)

Lately, the British travel magazine *Which?* announced the historic city of Kraków as the best city outside the UK to visit. Kraków beats the popular destinations such as Amsterdam, Rome or Paris. Don’t believe? Check *Which?* website.

Our official organizing partner, the Jordan Group provides on its website (<http://ims2015.jordan.pl/>) all key information on the accommodation, tourist tours, airport transfers, public transport tickets and the low-price Kraków Tourist Card for in-city travelling.

For other information about the city of Kraków, see the [Kraków website](#).

Accommodation

The city of Kraków offers a wide range of accommodation for everyone's pocket. The participants can choose among luxurious 5-star hotels, regular 4- or 3-star hotels and guesthouses, and some least-expensive hostels. Most of the accommodation places recommended are located in the city centre, within a walking distance to the conference centre. Since the tourist high-season begins to grow in the late June, it is strongly recommended to make an early hotel booking. The **JORDAN Group** in Kraków, our meeting's official supporter, offers a range of hotel accommodations with special reduced prices for all the IAS participants (visit www.ims2015.jordan.pl). Hotel information will be updated on a regular basis, remember, however, first come, first served!

Currency

The local currency is the Polish Złoty (PLN). The currency exchange rate per the 9th of June 2015 is as follows:

EUR/PLN = 4.17; USD/PLN = 3.70; GBP/PLN = 5.65; CHF/PLN = 3.99

Weather

The late June in Kraków promises a fair weather with an average temperature of ca 18 °C, possibly reaching 25 °C at noon and falling to 10 °C at night. However, rainfalls may occur and umbrellas are thus recommended. If rainstorms occur and the level of mountain streams rises, the route of some of the field trips may also need to be changed.

Personal insurance and visas

Personal insurance is not included in the registration fee (please, remember, field trips in Slovakia or Czech Republic may need additional insurance).

Poland has belonged to the Schengen Convention since 2007, and the participants coming directly from the Schengen states thus do not need visa for entering the country. All other nationals may enter Poland if possessing a valid travel document (passport) and a visa (if required). You can [apply for a Polish visa](#) on-line (choose a suitable interface language by rolling the list at the upper right-hand corner of the screen). More information about entering Poland can be obtained from the Polish embassy/consulate in your own country.

Places offering some discounts for the Participants of the 31st IAS Meeting of Sedimentology are as follows:

NAMES OF THE PLACES TO EAT	DISCOUNT	ADDRESS	DESCRIPTION
1 Pan Naleśnik	Free large compote drink with ordered pancake	Dolnych Młynów 3	French creperie with a beautiful garden located in the heart of Kraków in a walking distance from the Main Square. Serves sweets, dry stuffed crepes, galettes, quiches. <i>Opening hours: Monday – Sunday 9.30–20.00</i>
2 MamaŁyga	10 % discount (except for dish of the day)	Podwale 2	The restaurant specializes in traditional Polish cuisine for every budget. Friendly place for students, families and tourists. Enjoy homemade food at low prices. In the summer, you can be host you in a peaceful garden. <i>Opening hours: Monday – Sunday 9.00–20.00</i>
3 CK Browar	14 PLN for Lunch menu (soup + main dish) 10 % off on other menu	Podwale 6–7	The spacious restaurant kept in the CK (Austro-Hungarian Empire) style will remind you of an old Austrian fort. CK Browar offers delicious cuisine, represented by original Viennese dishes and delicacies as well as traditional Polish cooking. <i>Opening hours: Monday – Sunday 9.00–00.00</i>
4 Korek (Resto and Art. Korek 308)	10 % discount on lunch menu and 20% on other menu excluding drinks	Czysta 8	Located close to the Józef Mehoffer Museum. Tasty pasta, delicious food and big portions. Has outdoor seating. Perfect service. <i>Opening hours: Monday – Sunday 9.00–22.00</i>
5 Tektura Cafe	10 % discount on coffees, cocktails and smoothies Any coffee for 1/2 price with each lunch	Krupnicza 7	Urban, eco-industrial-chic interior of unfinished brick and concrete, seemingly transplanted from Brooklyn; the staff are up for any kind of coffee challenge you can give them – with amazing results. There's an entire shelf of enticing microbrews, a cocktail list and an open kitchen cooking up a full range of fresh sandwiches and sweet baked goods to boot. Tektura Cafe also provides plenty of outlets to laptopers, reliable wifi, boardgames and basically everything you could ever ask from a cafe/bar. <i>Opening hours: Monday – Sunday 11.00– 20.00</i>

6 Dynia Resto Bar	10 % discount	Krupnicza 20	<p>Dynia Resto Bar has the chic, modern bistro look one associates with the trendier quarters of London, Paris or New York, with a huge and attractive garden space that itself can host 80 people. Dynia's offerings embrace a wide range of tasty choices: a generous breakfast menu, soups, salads, pasta, hot lunches and a selection of low-calorie 'fitness' meals.</p> <p><i>Opening hours: Monday – Friday 8.00–23.00, Saturday – Sunday 9.00–23.00</i></p>
7 Pod Norenami	10 % discount	Krupnicza 6	<p>This restaurant uses the traditional recipes and practices of Asian cuisine, and holds strictly to the principles of vegetarianism – along with those dishes from the vegan kitchen, which are marked on the menu. The quality and origin of the ingredients used in the cuisine are of great importance.</p> <p><i>Opening hours: Monday – Sunday 10.00–22.00</i></p>
8 Olimp	10 % discount	Krupnicza 7	<p>Olimp is a self-service restaurant, offering a wide range of cool and hot dishes which can satisfy all kind of dietary requirements. The customers can compose their plate with favourite set of food. All the dishes are at the same price per 100 grams.</p> <p><i>Opening hours: Monday – Sunday 09.00–21.00</i></p>
9 RAMEN GIRL of Yellow Dog	10 % discount	Krupnicza 9/1	<p>Ramen Girl specialises in hot brothy bowls of noodles laden with a variety of ingredients seldom seen in this town, including tofu, tempeh, bokchoy, daikon, edamame and even kale. Servings come in two generous sizes, but note that when supplemented with a side, a select microbrew, and one of their flavour fusion desserts, things here do get pricey. Still, the black ramen with squid ink is something you simply have to try, and the modern-minimal interior with its huge mural and large street-side windows make this a surprisingly stylish dining destination.</p> <p><i>Opening hours: Monday – Sunday 12.00–22.00</i></p>

**10
MEHO CAFÉ**

10 % discount

Krupnicza 26

Meho café is one of the most peaceful, pleasant places to bring your book and enjoy a coffee, arrange an evening beer rendezvous, or select from the menu of tasty food. Open early with a full breakfast menu, if you've had enough of the bustle of the market square, there's no better, more magical place in Krakow to start the day or unwind in the sun than here.

Opening hours: Monday – Sunday 9.00–21.00

**11
Wine Bar Stoccaggio**

10 % discount

Krupnicza 9

Situated just 3 minutes walk from the Conference Centre – offers the largest selection of Polish, European and New World wines in Kraków (450 types of wines). Over 30 different wines served by glass every day and tasty Italian tapas (pecorino, prosciutto, pate, organic olives, grissini and more). Stoccaggio is the ideal place not only to pop in between conference and dinner and drink a glass (or more...) of delicious wine as aperitif, but also to gain information about restaurants located nearby. You can spend here whole evening with your colleagues and friends as well.

*Opening hours: Monday – Saturday 11.00–23.00,
Sunday 13.00–23.00*

SOCIAL PROGRAMME

Icebreaker party – party on the beach

The icebreaker party is going to be held in a beach bar and restaurant called **Plaża** upon the Wisła (Vistula) river bank. Location – Bulwar Wołyński parallel to Konopnickiej Street (near the closed Forum Hotel). **On approaching look for 31stIMS red flags.** This place attracts people due to a unique atmosphere taken directly from the tropics and, also, the picturesque view on the opposite-river-bank Kazimierz District and the Old City with Wawel Hill closing the horizon. Check the gallery on the Beach Club website <http://www.plazakrakow.com/en/club/gallery>. The icebreaker party will be held on Monday, 22nd June from 19.00 till 22.00.

During the Icebreaker party participants will have an opportunity to listen to the ‘Workaholic’ (<http://workaholic.org.pl/>) – electric blues, jazz and rock band created by geologists, who after some years since the students time have come back to their musical passions. Established in 2006, successfully joined blues – jazz Kraków stage and has become popular in many Cracow clubs. ‘Workaholic’ gigged also in Ukraine, Scotland, Hungary and Romania and recorded four CD’s. The band consists of: Jan

Purchla – guitar (geologist – sedimentologists), Tomasz Pachciarek – piano (geologist – sedimentologist), Piotr Kosieradzki – violin (technician geologist), Leszek Mierzwa – guitar (mining engineer), Grzegorz Piecko – bass guitar (laboratory technician – engineering geologists) and Bart Kuraś – drums (iron man).



Photo Dorota Muniak

Conference Dinner

The joint gala dinner will be held at the **Wieliczka Salt Mine**, a UNESCO world heritage site, in a restaurant located hundreds of meters underground in an abandoned excavation chamber – a unique and memorable place. The cost per person is 290 PLN. The dinner will be combined with breathtaking trip along the collieries of the Salt Mine (<http://www.wieliczka-saltmine.com/>).

Departure for Wieliczka at 18.00 on Wednesday 24th from the car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel. The guests are kindly reminded to have gala dinner tickets with them.

A tour guide to the historic Wieliczka Salt Mine, preceding the gala dinner, begins with a descent down the Daniłowicz Shaft to the level situated 64 m underground and the visitors have to walk down 380 stairs. Temperature underground ranges between 14 and 16 °C thus, make sure to wear proper clothing and comfortable shoes, as well. The restaurant provides cloakroom.

After Gala dinner a special mining elevator will take the guests up to the surface. Departure for Kraków between 23.00–24.00.

LEISURE OPTIONS

Kraków is very alive and has many interesting places in its surroundings to visit. The **JORDAN Group** – our meeting’s official tourist office supporter (<http://ims2015.jordan.pl/>) – will arrange a wide selection of culture and site-seeing spots. You can obtain precise information and book particular excursions at the **JORDAN stand in Auditorium Maximum**.

Especially recommended is **Hilflyer** which is the only and exceptional viewing platform raised by a balloon in Poland. The balloon operates in the close vicinity of icebreaker party venue (ca. 3 min. walk). During the 10–14 minutes flight to 120–150 m (depending on the weather conditions) you will see Kraków with its surroundings and, in a good visibility conditions, even the Tatra Mountains. See the magnificent panorama of Kraków and enjoy the ancient town borders of the Old City and Kazimierz – the Jewish District, both registered on the UNESCO World Heritage List. **To check if the balloon is flying at the moment please call +48 511 802 202. Meeting participants will obtain 10 % discount.** Please, show your 31st IMS badge.

Worth seeing before or after the Meeting are:

- Exhibition about **geology of the Kraków area** in Geological Museum of the Institute of Geological Science, Polish

Academy of Science, Senacka Str. 3. Participants can visit this museum **free of charge**. Please, show your 31st IMS badge. Opening hours: Thursday, Friday – 10.00–15.00, Saturday – 10.00–14.00.

- The **Wieliczka Salt Mine**, 10 km from the Kraków centre (<http://www.wieliczka-saltmine.com/>), with its impressive underground chambers (now a museum and a UNESCO world heritage site). Here the gala dinner will be held, but we recommend also some special tours in the mine.
- The **Benedictine Abbey in Tyniec**, 5 km from the Kraków centre (<http://www.tyniec.benedyktyni.pl/en/contact/>). Picturesque monastery located on the hill (Upper Jurassic limestones) by the Wisła river is easy accessible by taxi or Kraków public transport.
- The **Ojców National Park**. The smallest national park in Poland, ca. 20 km N of Kraków, located along the Prądnik Valley. Rocky cliffs, caves, monadnocks, including the famous Hercules Cudgel, and the Renaissance Pieskowa Skała Castle are the main tourist attractions.
- The **Pieniny Mts** with the traditional rafting on the Dunajec river (<http://www.splyw-dunajcem.com/english/>). Szczaw-

nica, 120 km SE of Kraków, is a good starting point for rafting and mountain hiking.

- **Zakopane** (110 km south of Kraków, near the border with [Slovakia](#)), a city famous for its unique highlander culture. It is a good starting point to explore the **Tatra Mts**. Visit to one of the picturesque valleys is possible during one day excursion, but you need more time to explore the High Tatras, with Rysy (2,503 m), the highest mountain in Poland.
- The former **Auschwitz-Birkenau** Nazi German Concentration and Extermination Camp (UNESCO World Heritage List).

More information about worth to see places in Kraków and in Małopolska region you can find at <http://www.krakow.pl/english/>) as well as in the folder available at http://pliki.visitmalopolska.pl/Katalog_EN_2013.pdf.

REGISTRATION

For the participants of the Short courses registration starts:

S1 – at 8.30 on Friday 19th June; in the hall of the Institute of Geological Sciences, Oleandry Str. 2a

S2 – at 8.30 on Sunday 21st June; in the hall of the Institute of Geological Sciences, Oleandry Str. 2a

S3 – at 8.30 on Monday 22nd June; in the Institute of Geological Sciences of the Polish Academy of Sciences, Senacka Str. 1

S4 – at 8.00 on Monday 22nd June; at the departure place – car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel

For the participants of the pre-meeting field trips registration starts:

A1, A2, A5, A6 – at 7.45 on Sunday 21st June; at the departure place – car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel

A7 – at 7.45 on Monday 22nd June; at the departure place – car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel

A8 – at 8.15 on Saturday 20th June; at the departure place – Brno, car park opposite the Central bus station Zvonařka, at the crossing of Zvonařka and Trnitá streets

For the other participants of the meeting registration starts:

On Monday 22nd June at 18.00 at the entrance of the Plaza Restaurant (venue of the Icebreaker party), on the bank of the Vistula River, Bulwar Wołyński, parallel to Konopnickiej Street (near the closed Forum Hotel).

Collection of the meeting materials and continuation of registration:

at the Registration desk in the Auditorium Maximum

7.30–18.00 on Tuesday 23rd June

8.00–17.00 on Wednesday 24th June

8.00–18.00 on Thursday 25th June

IDENTITY BADGES

Delegates will receive a name plastic card at the reception desk, upon registration. There are five types of badges differ in colour: for regular delegates (white), for one-day delegates (yellow), for organizing committee (red), for volunteers (green), for sponsors, partners and exhibitors (violet), field trip and short course leaders (blue).

The badge must be worn prominently in order to gain access to the Meeting area during all scientific and social events. Admission will be refused to anyone not in possession of an appropri-

ate badge. One-day ticket allows for entering into the Meeting area on a day appointed on a badge only.

REGISTRATION FEES

Registration packages will cover meeting materials including detailed programme and abstracts on a flash drive, morning and afternoon refreshments and one ticket (1 person) to the Icebreaker Party.

FEE	Late registration 23 rd May 2015 onwards
IAS Members	1650 PLN
Non IAS Members	1900 PLN
IAS Student Members	1100 PLN
Student non-IAS Member	1250 PLN
Guest of a regular participant	850 PLN
Day ticket	550 PLN
Conference Dinner + Wieliczka Salt Mine tour	290 PLN dead-line for payment 18th June

Note that your registration and abstract submissions without payment of the registration fee were not considered. Abstracts have been included in the conference volume if one of the authors is registered for the meeting.

PAYMENT OPTIONS

Registration should be made online via the IAS conference website (<http://ims2015.exordo.com>).

Follow the instructions given in the registration form.

Payment will be handled using credit cards via the IAS secure server.

Payment on-site: Participants can pay at the registration desk **in cash (in PLN) only**, at special points organized for full payment during the Icebreaker Party on Monday (22nd June) and in the Meeting Venue (Auditorium Maximum) on Tuesday (23rd June).

Reimbursement on-site: The delegates who have overpaid their amount due will be refunded in cash at special registration points during the Icebreaker Party on Monday (22nd June) and in the Meeting Venue (Auditorium Maximum) on Tuesday (23rd June).

Supplementary payment: The delegates who have paid a part of their amount due will be able to complete their payment at special registration points during the Icebreaker Party on Monday (22nd June) and in the Meeting Venue (Auditorium Maximum) on Tuesday (23rd June).

China participant registration point: China delegates can register at dedicated registration desk during the Icebreaker party on Monday (22nd June) and in the Meeting Venue (Auditorium Maximum) on Tuesday (23rd June).

CANCELLATION

After 22nd May 2015 no refunding of any payment is possible. Please note, that there is no exception to this rule.

Language of the Meeting

English will be the official language of the meeting and no translation facilities will be provided. Polish is the official language of Poland and visitors may encounter some communication barriers, although most of the service people in Kraków can speak English and many can also communicate in German or Russian.

PRESENTATION MODES

Guidelines for Presentations

Rooms for oral and poster presentations

Presentations will be held in rooms located on two levels of Auditorium Maximum – the Meeting venue. The largest room called Pangea will be available only for the Opening Ceremony and Keynote Lectures every day of the Meeting. Thereafter, Pangea will be split into half-size Pangea I and Pangea II. One can enter into Pangea from ground, first, second or third floor. The next auditorium rooms located at the base level, have also palaeocontinental names: Baltica, Laurentia and Gondwana. Flat rooms located on the second floor are named after the palaeoceans: Tethys, Iapetus and, the largest, Panthalassa.

Oral

Authors are kindly asked to upload their presentations at the appropriate Session Room at least within 30 minutes preceding the actual time block of the session, i.e., in the morning, during coffee or lunch breaks. A lecture room assistant will be available for any help. An audio, video and basic running check of the PPT will be double checked at this time.

Each talk is 15 minutes. Please note that fully 15-minutes presentation does not allow any further discussion during the

session, therefore, save some time for your auditors. We strongly recommend 12 minute time for presentation.

Each session room is equipped with a computer with Powerpoint (.ppt, .pptx files), a digital projector, a laser pointer, and microphones. The projector resolution format is 4:3, other will be rescaled. If you wish to show a film as a part of your presentation then it is better in file format WMV (Window Media Video). The Adobe PDF format is also allowed for your presentation. Alternative files should be requested in advance (preferably a day before the presentation) under the presenter responsibility. Note: some fonts and specific national letter may not be available at the place.

Posters

Panthalassa will be the only place for all poster sessions. The poster sessions will be organized during the two coffee-breaks at 10.30–11.15 (11.00–11.45 on Tuesday) and at 15.45–16.30 (15.30–16.15 on Wednesday). Presenting Authors are obliged to stand by their posters during the poster sessions.

Every poster has to be placed accordingly to its ID provided in the Meeting Guideline and visible on the poster panel. Authors

are kindly asked to put up their posters as soon as possible on the day when the specific poster session is scheduled (8.00–8.30). However, the general display time is from 8.00 to 18.00 (except for Wednesday when it is from 8.00 to 17.00). Then, all the posters have to be removed from the panel. Poster dimension is A0 (orientation: portrait).

A poster welcome desk will be available at the registration desk. Material (adhesive tack) for mounting the poster on the boards will be provided in Panthalassa room and at the registration desk.

RESPONSIBILITY

The organizers have made all reasonable attempts to provide necessary services and the smooth operation of the Meeting but take no responsibility for any disturbances which are beyond the reach of organizers such as: personal insurance, natural disaster (e.g., flood, fire, etc.), state of emergency, riots, strikes, war, communication accidents, changes of currency exchange rates and similar.

MEETING CALENDAR

Pre-meeting field trips: 20th–22nd June 2015

Pre-meeting short courses: 19th–22nd June 2015

Icebreaker party: Monday, 22nd June 2015, 19.00–22.00

Opening ceremony: Tuesday, 23rd June, 8.30–9.00

Sessions: 23rd–25th June 2015

Discussion session: What do early-career scientists expect from IAS?: Wednesday, 24th June, 13.15–14.15

‘Depositional Record’ reception: Wednesday, 24th June, 15.30–16.15

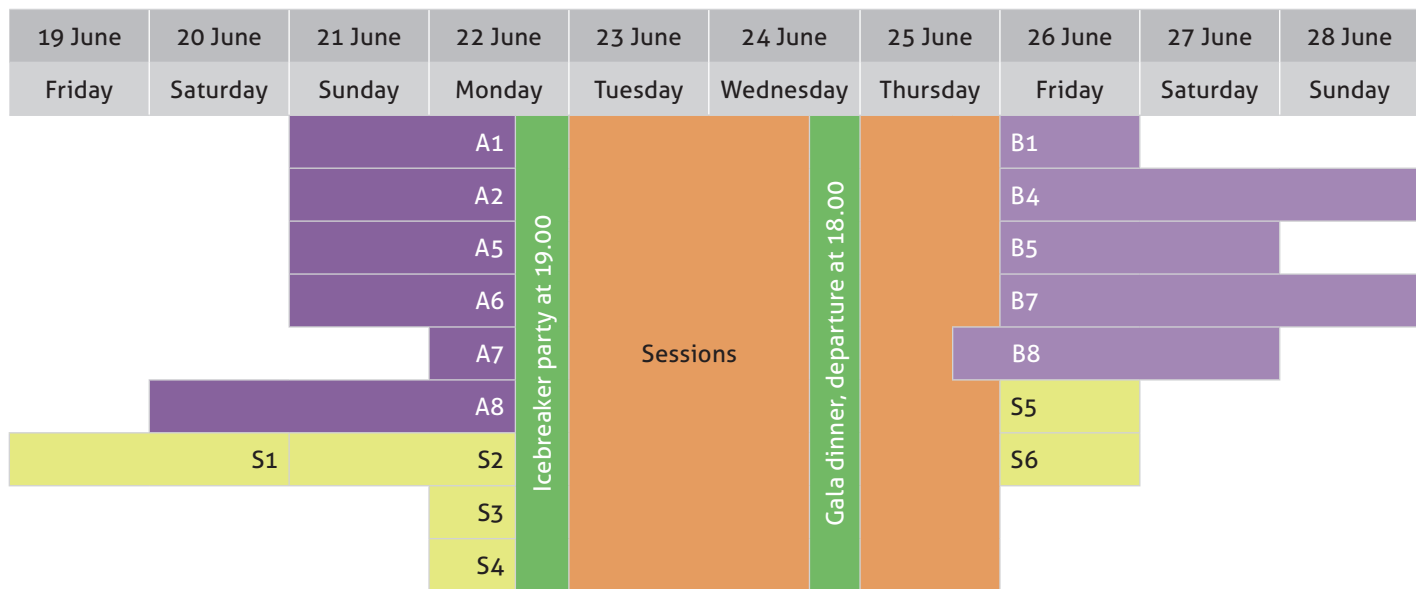
Publish with IAS – Open meeting for authors of IAS Journals: Thursday, 25th June, 13.15–14.15

Gala dinner: Wednesday, 24th June 2015

Post-meeting field trips: 25th–28th June 2015

Post meeting short courses: Friday, 26th June 2015

Meeting calendar



PRE-MEETING FIELD TRIPS



SHORT COURSES



SOCIAL EVENTS



SESSIONS



POST-MEETING FIELD TRIPS

SCIENTIFIC PROGRAMME

Plenary key note lectures



Michael D. Blum

(University of Kansas, USA)

PREDICTING SEDIMENTARY SYSTEM
RESPONSE TO HUMAN ACTIVITIES:
THE FUTURE OF THE MISSISSIPPI DELTA
Tuesday, 23rd June, 9.00

Mike Blum received his Ph.D (1992) from the University of Texas at Austin, focusing on climatology, geomorphology, and sedimentology. He held faculty positions at Southern Illinois University (Assistant Professor 1991–1995), the University of Nebraska-Lincoln (Assistant and Associate Professor, 1995–2003), and Louisiana State University (Harrison Family Professor, 2003–2008), then served as Research Advisor at Exxonmobil Upstream Research (2008–2014). His research interests include fluvial to shallow-marine processes and deposits, connections between fluvial-deltaic and deepwater systems, and source-to-sink analysis. Mike is now the Ritchie Distinguished Professor in the Department of Geology of the University of Kansas, where he pursues these themes through his research and teaching.



Brian Jones

(University of Alberta, Canada)

FACIES AND PRECIPITATES ASSOCIATED
WITH CARBONATE-PRODUCING HOTSPRINGS
Tuesday, 23rd June, 10.00

Brian Jones is a Distinguished University Professor at the University of Alberta, Canada. With his research interests focused largely on all aspects of carbonate sedimentology and diagenesis, he has been involved with projects ranging from the Precambrian dolostones of China to modern carbonates in the Caribbean Sea. One of his main research interests has involved the precipitates found in spring systems with particular emphasis being placed on the high-temperature springs. Based on hot-spring systems in New Zealand, Iceland, Kenya, Chile, China, and Canada, this work has focused on the role that microbes play in these extreme environments and the factors that control the wide array of calcium carbonate precipitates that are commonly found in these settings.



Adrian Immenhauser

(Ruhr-Universität Bochum, Germany)

Mg

Wednesday, 24th June, 8.30

Adrian Immenhauser is a professor for Sediment and Isotope Geology at Ruhr-University Bochum, Germany. His research focusses on controls affecting carbonate precipitation and subsequent diagenetic alteration. Moreover, he explores novel proxies such as non-traditional isotope systems.



Wojciech Nemec

(University of Bergen, Norway)

COLLUVIUM – THE UGLY DUCKLING
OF CLASTIC SEDIMENTOLOGY

Wednesday, 24th June, 9.30

Wojciech (Wojtek) Nemec was born and educated in Poland, receiving his MSc degree in Geology (1973) and Doctor of Natural Sciences degree (1979) from the University of Wrocław, where he also worked as Lecturer (1973–1984). He then moved his activity to the University of Bergen, Norway, where he is now Professor of Geology since 1993. His specialties are physical sedimentology, clastic facies analysis, dynamic stratigraphy and applied statistics, with research experience on sedimentary systems ranging from terrestrial to deep marine and from Proterozoic to Quaternary in age, and with a worldwide range of case studies. He has authored or coauthored nearly 100 papers and co-edited, with Ron Steel, a benchmark book on fan deltas.



Helmut Weissert

*(Geological Institute, ETH Zürich,
Switzerland)*

CARBONATES – ARCHIVE FOR CARBON
CYCLE HISTORY AND FOR
CHEMOSTRATIGRAPHY

Thursday, 25th June, 8.30

Helmut Weissert is a paleoceanographer and palaeoclimatologist, his roots are in sedimentology, isotope geochemistry and stratigraphy as well as in field geology. Improved measuring of geological time marks the beginning of any investigation related to earth history. His official research and teaching career at ETH ended in October 2014, giving him the opportunity to devote more time to trace global carbon cycle through earth history and to learn more about the evolution of the biosphere through geological time.



Ronald J. Steel

(University of Texas, USA)

THE FUTURE OF SEQUENCE STRATIGRAPHY
Thursday, 25th June, 9.30

Ron Steel is Professor and Chair of Department of Geological Sciences, Jackson

School, UT Austin and Emeritus Sixth-Century Chair at the University of Aberdeen, Scotland. He was previously Wold Chair of Energy at the University of Wyoming, Chief Geologist at Norsk Hydro, Norway and Professor of Reservoir Geology at University of Bergen Norway and was educated at the University of Glasgow, Scotland. He has some 180 published papers, edited 9 books, received 6 best paper or poster awards, and graduated 140+ MS and PhD students from the universities of Bergen, Wyoming and UT Austin. His current research interests are on the construction of shelves and shelf margins by deltas. He currently has graduate students working on paleo-Orinoco margin of East Venezuela/Trinidad, Jurassic margin of the southern Neuquen Basin Argentina, Wilcox shelf construction in Gulf of Mexico and the paleo-Colorado margin of the early Gulf of California.

Meeting themes (T)

T01	Physical sedimentary processes
T03	Chemical sedimentary processes and diagenesis
T04	Geochemical record of sedimentation
T05	Economic sedimentology
T07	Alluvial, colluvial and lacustrine depositional systems
T08	Aeolian depositional systems
T09	Glacial depositional systems
T10	Volcanic depositional systems
T11	Shallow-marine depositional systems
T12	Deep-marine depositional systems
T13	Carbonate platforms and reefs
T14	Cycles and rhythms in sedimentary record
T15	Sequence stratigraphy: Eustatic vs. tectonic control on sedimentation
T17	Sedimentary record of climate change
T19	Remote sensing, imaging and numerical modelling in sedimentology
T21	Research frontiers in sedimentology

Special Sessions (SS)

SS01	Carbonate platforms: archives of global change
SS02	Sedimentology and geobiology of carbonate build-ups
SS03	Recent advances in vent carbonates and mud mounds
SS04	Carbonate coated grains!
SS05	Calcareous algae as facies indicators in carbonate platform environments
SS07	Triassic to Jurassic peritidal sedimentation
SS08	Triassic to Jurassic depositional systems in the north-western Tethyan realm: A basinal perspective
SS09	Biotic versus abiotic processes in terrestrial sedimentary environments through time
SS10	Non-marine carbonates: A multidisciplinary approach
SS11	Diagenetic imprint on primary sedimentary features
SS13	Phanerozoic giant marine evaporite basins: from Zechstein to Mediterranean and in between
SS14	Processes and sedimentary successions in the fluvial-marine transition of estuaries
SS15	Advances in delta sedimentology and stratigraphy in ancient and modern settings

- SS16** New insights into processes, architectures and geometries in basin-floor fans
- SS17** Linking sedimentary processes and stratigraphy across scales in deep water systems: Field, experimental and computational approaches
- SS18** Heavy minerals in the sedimentary record
- SS19** Trace fossils in palaeoenvironmental studies
- SS20** Application of sedimentary records in coastal environments for natural hazard assessment
- SS21** Sedimentary response of polar coastal and shallow marine environments to climate changes
- SS22** The changeable greenhouse world: Interpreting records of climate, sea level, biota, and biogeochemical cycles of the Cretaceous
- SS23** Hominin evolution, tectonic basins and climate
- SS26** Controlling factors on source rock quality and hydrocarbon generation during basin development – case studies from Europe
- SS27** Geothermal energy from sedimentary deposits
- SS29** At the cross-roads of sedimentology and geophysics
- SS30** Magnetic susceptibility and Gamma Ray Spectrometry – applications in sedimentary geology

FIELD TRIPS

Pre-meeting field trips

A1 Sedimentation on the Serravalian forebulge shelf of the Polish Carpathian Foredeep

LEADERS: Stanisław Leszczyński, Wojciech Nemec

DURATION: 2 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel, Sunday, 21st June 2015, 8.00

RETURN: Kraków centre, Monday, 22nd June 2015, 17.00

CONDITIONS: Outcrops easily accessible, with walking distances of 5–15 minutes.

A2 The Badenian evaporative stage of the Polish Carpathian Foredeep: Sedimentary facies and depositional environment of the selenitic Nida Gypsum succession

LEADERS: Maciej Bąbel, Danuta Olszewska-Nejbert

DURATION: 2 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel, Sunday, 21st June, 8.00

RETURN: Kraków centre, Monday, 22nd June 2015, ~17.30

CONDITIONS: The quarries and other outcrops are easily accessible by short uphill walks.

A5 Transgressive Callovian succession and Oxfordian microbial-sponge carbonate buildups in the Kraków Upland

LEADERS: Jacek Matyszkiewicz, Ireneusz Felisiak, Mariusz Hoffmann, Alicja Kochman, Bogusław Kołodziej, Marcin Krajewski, Piotr Olchowy

DURATION: 2 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel, 21st and 22nd June 2015 (Sunday and Monday), 8.00

RETURN: Kraków centre, Sunday, 21st June 2015, ~17.30 and Monday, 22nd June 2015, ~16.30

CONDITIONS: Outcrops easily accessible, but trekking boots are required

A6 The inception, growth and demise of a pelagic carbonate platform: The Jurassic and Lower Cretaceous of the Krížna Nappe in the Western Tatra Mountains

LEADERS: Renata Jach, Jacek Grabowski, Andrzej Gaździcki, Alfred Uchman

DURATION: 2 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str.11, called 'Parking pod Wawelem', opposite Sheraton Hotel, Sunday, 21st June 2015, 8.00

RETURN: Kraków centre, Monday, 22nd June 2015, ~17.00

CONDITIONS: The trip includes some fairly demanding hiking at an altitude from 900 to 1300 m; good hiking boots and rain gear are required.

A7 Geology and wines of the Kraków area

— regional rebirth of vineyards as a result of climate change

LEADER: Joachim Szulc

DURATION: 1 day

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str.11, called 'Parking pod Wawelem', opposite

Sheraton Hotel, Monday, 22nd June 2015, 8.00

RETURN: Kraków centre, Monday, 22nd June 2015, ~17.00

CONDITIONS: Short walks, light trekking boots.

A8 Sedimentary evolution and trace fossils of Carboniferous turbiditic systems in the Variscan foreland, Czech Republic

LEADERS: Ondřej Bábek, Radek Mikuláš, Daniel Šimíček

DURATION: 3 days

DEPARTURE PLACE, DATE AND TIME: Brno, car park opposite the Central bus station Zvonařka, at the crossing of Zvonařka and Trnitá streets, Saturday, 20th June 2015, 8.30

RETURN: Kraków centre, Monday, 22nd June, ~17.30

CONDITIONS: Most outcrops are within 10-minute walks from the bus. Several outcrops require a short walk (2–3 km) on forest roads. Three large quarries will be visited, where helmets and safety vests will be provided at the entrance.

Post-meeting field trips

B1 Bedded chalk marls in the Opole Trough: Epicratonic deposits of the Late Cretaceous super-greenhouse episode

LEADERS: Mariusz Kędzierski, Alfred Uchman

DURATION: 1 day

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel, Friday, 26th June 2015, 8.00

RETURN: Kraków centre, Friday, 26th June, ~19.00

CONDITIONS: No special equipment is required.

B4 Palaeokarst, neptunian dykes, collapse breccias, mud mounds and sedimentary unconformities in Slovakian Western Carpathians

LEADER: Roman Aubrecht

DURATION: 3 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called ‘Parking pod Wawelem’, opposite Sheraton Hotel, Friday, 26th June 2015, 7.30.

RETURN: Bratislava centre, Sunday, 28th June 2015, end of the field-trip in the afternoon.

CONDITIONS: No special equipment is required, just trekking boots and protection against rain.

B5 The Mid-Triassic Muschelkalk in southern Poland:

Shallow-marine carbonate sedimentation in a tectonically active basin

LEADERS: Joachim Szulc, Michał Matysik, Hans Hagdorn

DURATION: 2 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel, Friday, 26th June 2015, 8.30

RETURN: Kraków centre, Saturday, 27th June 2015, 18.00

CONDITIONS: Most of the outcrops are situated in active quarries, so we recommend solid hike boots. Safety jackets and helmets, obligatory in the quarries, will be provided by organizers. Rains in summertime are quite common in Poland, so the rain jacket or umbrella might be useful.

B7 Cenozoic freshwater carbonates of the Central Carpathians (Slovakia): Facies, environments, hydrological control and depositional history

LEADERS: Michał Gradziński, Wojciech Wróblewski, Pavel Bella

DURATION: 3 days

DEPARTURE PLACE, DATE AND TIME: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel, Friday, 26th June 2015, 8.00

RETURN: Kraków centre, Sunday, 28th June 2015, 19.00.

CONDITIONS: Outcrops easily accessible. Remember about protection against rain. Trekking boots and clothes for cave interior temperature (~6.5 °C) are needed, but no helmet or rubber boots. The cave corridors are easy to walk and most of them have light, but a personal torch or head-lamp is recommended.

B8 Some current sedimentological controversies in the Polish Carpathian flysch

LEADERS: Stanisław Leszczyński, Piotr Dziadzio, Wojciech Nemec

DURATION: 2 + 1/3 days

DEPARTURE PLACE, DATE AND TIME: Kraków, Krupnicza Str. 33, in front of Auditorium Maximum, Thursday, 25th June 2015, 18.00

RETURN: Kraków centre, Saturday, 27th June 2015, 18.00

CONDITIONS: The outcrops on day 1 are easily accessible by short uphill walks. On day 2, the outcrops are in stream banks and hence rubber boots are needed.

SHORT COURSES

S1 Sedimentary facies analysis: from sedimentology to sequence stratigraphy

LEADER: Wojciech Nemec

DATE: 19th–20th June 2015

TIME: 9.00–16.00

LOCATION: Kraków, Institute of Geological Sciences, Jagiellonian University, Oleandry Str. 2a

S2 Heavy minerals – a key tool in sediment provenance studies

LEADERS: Sergio Andò, Mara Limonta, Alberto Resentini, Dorota Salata

DATE: 21st–22nd June 2015

TIME: 9.00–16.00

LOCATION: Kraków, Institute of Geological Sciences, Jagiellonian University, Oleandry Str. 2a

S3 Application of Sr isotopes to marine environment studies

LEADERS: Robert Anczkiewicz, Wolfgang Müller, Helena Hercman, Jacek Pawlak, Hubert Wierzbowski

DATE: 22nd June 2015

TIME: 9.00–17.00

LOCATION: Kraków, Institute of Geological Sciences, Polish Academy of Sciences, Senacka Str. 1

S4 Modern techniques for rock-structure imaging

LEADERS: Marek Dohnalik, Lars-Oliver Kautschor, Sylwia Kowalska, Maja Mroczkowska-Szerszeń

DATE: 22nd June 2015

TIME: 8.15–15.30

LOCATION: Kraków, Oil and Gas Institute, National Research Institute, Łukasiewicza Str. 1 and Bagrowa Str. 1

DEPARTURE PLACE: Kraków, car park at Powiśle Str. 11, called 'Parking pod Wawelem', opposite Sheraton Hotel

S5 Magnetic susceptibility, climatic proxies and cyclostratigraphy in rhythmic carbonate rock

LEADERS: Anne-Christine Da Silva, Axel Munnecke, Mathieu Martinez, Jacek Grabowski

DATE: 26th June 2015

TIME: 8.30–17.00

LOCATION: Kraków, Institute of Geological Sciences, Jagiellonian University, Oleandry Str. 2a

S6 Shelf margins

LEADERS: Cornel Olariu, Ronald J. Steel

DATE: 26th June 2015

TIME: 8.00–16.00

LOCATION: Kraków, Institute of Geological Sciences, Jagiellonian University, Oleandry Str. 2a



Programme overview

TUESDAY, 23 June

H	MIN	Rooms							
		Pangea I	Pangea II	Laurentia	Gondwana	Baltica	Tethys	Iapetus	Panthalassa
8	15								Poster setup
	30								
	45	Opening Ceremony							
	60								
9	15	Michael D. Blum Plenary key note lecture (KN1)							
	30								
	45								
	60								
10	15	Brian Jones Plenary key note lecture (KN2)							
	30								
	45								
	60								
11	15	Coffee break at 3 levels of lobby areas							Poster session (PS1)
	30								
	45								
	60	SS01KN	SS17a	SS29a	SS10KN	SS13a	SS14	SS21	
12	15								
	30								
	45	SS01a			SS10a				
	60								

13	15	Lunch break at 3 levels of lobby areas							
	30								
	45								
	60								
14	15	SS01b	SS17b	SS29b	SS10b	SS13b	SS23a	SS18a	
	30								
	45								
	60								
15	15								
	30								
	45								
	60								
16	15	Coffee break at 3 levels of lobby areas							Poster session (PS1)
	30								
	45								
	60								
17	15	SS01c	SS17c	SS26	SS10c	SS22KN	SS23b	SS18b	
	30								
	45								
	60								
18	15								
	30								
	45								


H	MIN	Rooms							
		Pangea I	Pangea II	Laurentia	Gondwana	Baltica	Tethys	Iapetus	Panthalassa
8	15	Adrian Immenhauser Plenary key note lecture (KN3)							Poster setup
	30								
	45								
	60								
9	15	Wojciech Nemec Plenary key note lecture (KN4)							
	30								
	45								
	60								
10	15	Coffee break at 3 levels of lobby areas							Poster session (PS2)
	30								
	45								
	60								
11	15	T13b	T12a	SS11a	SS04	SS19a	T08	SS20a	
	30								
	45								
	60								
12	15								
	30								
	45								
	60								

13	15	Lunch break at 3 levels of lobby areas						Discussion session: IAS young scientist		
	30									
	45									
	60									
14	15	Lunch break at 3 levels of lobby areas						Discussion session: IAS young scientist		
	30									
	45	T13c	T12b	SS11b	SS19b	SS15KN	SS20b			
	60	SS07KN		SS09a		SS20b				
15	15	SS07a		SS30a						
	30				SS15a					
	45	Coffee break at 3 levels of lobby areas					Poster session (PS2) & 'Depositional Record' Reception			
	60									
16	15	Coffee break at 3 levels of lobby areas								
	30									
	45	SS07b	T12c	SS30b	SS09b	SS27	SS15b	T14		
	60					T14				
17	15									
	45						Poster removal			
	60									

THURSDAY, 25 June

H	MIN	Rooms								
		Pangea I	Pangea II	Laurentia	Gondwana	Baltica	Tethys	Iapetus	Panthalassa	
8	15								Poster setup	
	30									
	45	Helmut Weissert Plenary key note lecture (KN5)								
	60									
9	15									
	30									
	45	Ronald J. Steel Plenary key note lecture (KN6)								
	60									
10	15									
	30									
	45	Coffee break at 3 levels of lobby areas							Poster session (PS3)	
	60									
11	15									
	30	SS02a	T07a	T11a	SS16a	T15a	T05a	T03a		
	45									
	60									
12	15									
	30									
	45									
	60									

13	15	Lunch break at 3 levels of lobby areas					Publish with IAS – Open meeting		
	30								
	45								
	60								
14	15	SS02b	T07b	T11b	SS16b	T15b	T05b		T03b
	30				T19+21KN				
	45								
	60								
15	15	SS02b	T07b	T11b	T19+21a	T17a			
	30								
	45								
	60								
16	15	Coffee break at 3 levels of lobby areas							Poster session (PS3)
	30								
	45								
	60								
17	15	SS05	T07c	T01	T19+21b	T17b	SS08	SS03	
	30								
	45								
	60								
18	15	Closing Ceremony							Poster removal
	30								
	45								
	60								



Get your radiocarbon results
before your research fossilizes

BETA

Beta Analytic
Radiocarbon Dating
Since 1979

- Results in as little as 2-3 days
- Queries answered within 24 hours
- Results available online

Discover the
BETA app for free at:
radiocarbon.com/app



Australia Brazil China India Japan Korea UK USA

www.radiocarbon.com

Tuesday, 23rd June

TUESDAY 23.06.2015

ROOM: PANGEA I & II

Time		
8.30		Opening ceremony

Convener: M. Adam Gasiński

PLENARY KEY NOTE LECTURES		
Time	ID	Authors and Presentation Title
9.00	KN1	Michael D. Blum Predicting sedimentary system response to human activities: The future of the Mississippi Delta
10.00	KN2	Brian Jones Facies and precipitates associated with carbonate-producing hot-springs

Posters & morning coffee (Panthalassa)

ROOM: PANGEA I

SESSION SS01

Carbonate platforms: Archives of global change | Conveners: **Stephen Lokier, Marco Brandano**

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
11.45	SS01KN	L. Pomar Follow the food; the waxing & waning of coral buildups during the Cenozoic
12.15	SS01a.01	N. Christ, A. Immenhauser, R. Wood, A. Niedermayr Hardground formation through the Phanerozoic: Why is the record of seafloor lithification so scarce during times ruled by aragonite sea chemistry?
12.30	SS01a.02	M. Famera, O. Bábek, H. Poukarova, D. Simícek, T. Weiner, J. Hladil Lower Devonian pelagic red beds from the Barrandian area, Czech Republic
12.45	SS01a.03	D. Calvo Gonzalez, B. Beauchamp, E. Pelletier Early Permian warm- to cool-water carbonate shift in Arctic Canada caused by global warming-induced upwelling intensification and closure of Uralian seaway

Lunch break

14.15	SS01b.01	B. Beauchamp, A. Baud, S. Grasby, C. Henderson Permian ikaite in Oman grew in warm-temperate waters on a shallow shelf: Cold shower for glendonite as climatic indicator
-------	----------	--

14.30	SS01b.02	I. Lazăr, M. Gradinaru, L. Petrescu Microbialites associated with Middle Jurassic (Bathonian–Callovian) condensed sequences from Southeastern Carpathians, Romania
14.45	SS01b.03	M. Morsilli, L. Pomar, M. Aurell, B. Bádenas, S.F. Al-Awwad Depositional model for a prograding oolitic grainstone wedge (Lower Kimmeridgian, Iberian Basin)
15.00	SS01b.04	G. Frijia, R. Forkner, D. Minisini, A. Dickson, M. Pacton, U. Struck, H. Jenkyns, M. Mutti Response of Tethyan carbonate platforms to the environmental changes associated with Oceanic Anoxic Event 2 (OAE-2)
15.15	SS01b.05	G. Suan, I. Schöllhorn, J. Schlögl, T. Segit Euxinic conditions and high sulfur burial in the Alpine Tethys during the Toarcian Oceanic Anoxic Event
15.30	SS01b.06	A. Salocchi, D. Fontana, S. Conti, C. Fioroni, C. Grillenzoni, C. Argentino Inception and crisis of a Miocene temperate-type carbonate shelf in a compressive setting (northern Apennines)

Posters, afternoon coffee & wine (Panthalassa)

16.30	SS01c.01	L. Tomassetti, M. Brandano, R. Sardella, C. Tinelli Decline of trophic resources in a carbonate ramp setting: The case study of <i>Lithothamnion</i> Limestone, Majella Mountain (Central Apennines, Italy)
16.45	SS01c.02	J. Reolid, C. Betzler, J.C. Braga Calibration of Upper Miocene sea level fluctuations from karst development in reef-slope deposits (SE Spain)
17.00	SS01c.03	G. Hinestrosa, J.M. Webster, R.J. Beaman Drowned reefs as agents of climate change: New constraints from the shelf-edge of the Great Barrier Reef, Australia

SESSION T13a

Carbonate platforms and reefs | Convener: Marcos Aurell

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
17.15	T13a.01	G. Stanley Photosymbiosis and the geologic evolution of reefs and carbonates
17.30	T13a.02	K. Morgan, C. Perry, S. Smithers, J. Johnson, J. Daniell Distribution and environmental controls on contemporary and late-Holocene inshore coral reef growth under conditions of high terrigenous sediment inputs on the central Great Barrier Reef
17.45	T13a.03	E. Gischler, A. Isaack, H. Hudson, M. Humblet, F. Anselmetti, A. Eisenhauer, G. Camoin Late Quaternary development of barrier and fringing reefs of Bora Bora, Society Islands, South Pacific: The influence of subsidence, sea level, and antecedent topography

ROOM: PANGAEA II

SESSION SS17

Linking sedimentary processes and stratigraphy across scales in deep water systems: Field, experimental and computational approaches | Conveners: David Hoyal, Joris Eggenhuisen, Rafael Manica, Vitor Abreu

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS17a.01	J. Peakall, R. Cossu, M. Wells The importance of spin: Global submarine channel dynamics
12.00	SS17a.02	D. Stow, F.J. Hernandez-Molina Contourite sedimentation in the deepwater Gulf of Cadiz: Principal results & new paradigms, IODP Expedition 339
12.15	SS17a.03	M. Azpiroz, M. Cartigny, P. Talling, M. Clare, C. Cooper, D. Parsons, E. Sumner, S. Simmons, E. Pope Direct observation of turbidity currents in the Congo Canyon reveals a new flow structure
12.30	SS17a.04	P. Thompson, G. Badalini, S. Wrigley, J. Hendy, R. Walker, J. Argent, M. Soto, H. de Santa Ana, P. Gristo, F.J. Hernandez-Molina Travelling without moving: Ever-changing seabed morphology and the influence of contour currents, from Cretaceous to Present-day, within the Pelotas Basin, offshore Uruguay
12.45	SS17a.05	L. Tóké, B. Törő, A. Várkonyi, R. Oross, L. Fodor, O. Sztanó Confined turbidite basins in the Lake Pannon: Examples from southwestern Hungary

Lunch break

14.15	SS17b.01	C. Fick, C. Holz Boffo, M.A. Schreiner Moraes, R. Manica, A.L. de Oliveira Borges Mechanisms of transport and deposition of high-concentrated density currents: A detailed approach to hydrodynamic and depositional features
14.30	SS17b.02	C. Stevenson, C.A-L. Jackson, D. Hodgson, S. Hubbard, J. Eggenhuisen Sediment bypass in deep-water systems
14.45	SS17b.03	M. Perillo, W. Wagner, D. Mohrig, I. Kane, A. Pontén Sediment transport and depositional style of sediment-laden gravity
15.00	SS17b.04	G. Pantopoulos, B. Kneller, L.F. de Ros, F. Gamberi, K. Arthur, A. McArthur, J. Kuchle Bed thickness distribution in classical deep-marine turbidite systems: Examples from the Marnoso-Arenacea (NE Italy), and Grès d'Annot (SE France) Formations
15.15	SS17b.05	J. Lang, J. van Den Berg, J. Winsemann Facies architecture of gravelly and sandy supercritical bedforms in subaqueous ice-contact fans
15.30	SS17b.06	A. Slootman, A. Vellinga, M. Cartigny, P. de Boer, A. Moscariello Dynamics of cyclic step bedforms generated by carbonate sediment gravity flows – the outcrops of the Favignana calcarenite (Sicily, Italy)

Posters, afternoon coffee & wine (Panthalassa)

16.30	SS17c.01	J. Winsemann, J. Lang Bedforms deposited from supercritical density flows: Field examples from coarse-grained channel- levee complexes (southern Central America)
16.45	SS17c.02	V. Abreu, D. Hoyal, T. Demko, K. Pederson, J. Fedele, G. Gaillot, M. Perillo Process stratigraphy – from analog-based to physics-based stratigraphic predictions

17.00	SS17c.03	T. Demko, D. Hoyal, J. Fedele, K. Pederson, V. Abreu, G. Postma, M. Lopez-Blanco Evidence of supercritical flow during deposition in delta front clinothems of the Eocene Sant Llorenç del Munt fan delta, Ebro Basin, Spain
17.15	SS17c.04	G. Gaillot, D. Hoyal, T. Demko, V. Abreu Building blocks of the modern Golo submarine fan: Insights from high-resolution seismic data
17.30	SS17c.05	D. Hoyal, J. Fedele, M. Perillo, P. Hamilton, T. Demko, V. Abreu, G. Gaillot, R. Wellner, A. Sprague Developing a regime diagram for mesoscale morphodynamic structure on submarine fans
17.45	SS17c.06	D. Koller, J. Fedele, R. Manica, E. Puhl Experimental bedforms created under gravity flows

ROOM: LAURENTIA

SESSION SS29

At the cross-roads of sedimentology and geophysics | Conveners: Piotr Krzywiec, Ihor Kurovets

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS29a.01	T. Nian, G. Wang, C. Xiao, Y. Xin, Y. Sun, D. Wang Carbonate petrofacies interpretation of borehole image (FMI) with a comparative petrographic evaluation: A case study from an outcrop well in Bachu uplift, Tarim Basin

12.00	SS29a.02	Y. Ran, G. Wang Quantitative logging characterization method of diagenetic facies for Chang 7 tight sandstone oil reservoir in Heshui Area, Ordos Basin
12.15	SS29a.03	L. Blazic, J. Moreau 3D imaging of vents and sand injectites produced by Lower Cretaceous hydrothermal activity in the southern North Sea
12.30	SS29a.04	Y. Zhanlong, Y. Huang Concept and application of seismogeology isochronous body: Relationship discuss of seismic reflection isochronous and geological deposition isochronous
12.45	SS29a.05	J. Zhang Sedimentary characteristics and seismic sedimentologic interpretation of gravity-flow channels in a continental rifted basin: Paleogene Shahejie Formation, Qinan slope, Huanghua Depression of Bohai Bay Basin, China

Lunch break

14.15	SS29b.01	F. Franchi, A. Di Capua, K. Kavindama, T. Kelepile Early Mesozoic siliciclastic deposits of the Kalahari Karoo Basin (Botswana): A new perspective
14.30	SS29b.02	X. Chen, X. Zhu, Q. Liu, X. Zhou, H. Li Seismic sedimentology of sandy debris flow and fan delta system in the Paleogene Dongying Formation of Shan'an Depression, Bohai Bay Basin, North China
14.45	SS29b.03	S. Li Seismic geomorphology characteristics of confined gravity-flow depositional system and principle control factors of its formation in lacustrine basin of non-marine faulted-depression, Eastern China

15.00	SS29b.04	S. Wrigley, J. Hendy, P. Thompson, G. Badalini, R. Walker, J. Argent, H. de Santa Ana, P. Gristo, M. Soto The missing link: Utilising a global interpretation methodology for the rapid interpretation of 140 my of stratigraphy within the Pelotas Basin, offshore Uruguay
-------	----------	---

Posters, afternoon coffee & wine (Panthalassa)

SESSION SS26

Controlling factors on source rock quality and hydrocarbon generation during basin development as case studies from Europe | Conveners: Hartmut Jäger, Axel Emmerich, Szczepan Porębski

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.30	SS26.01	A. Buniak, A. Kędzior, M. Paszkowski, S. Porębski, J. Zacharski Facies variability and depositional setting of pericratonic Silurian shales in Poland based on new cores from the Lublin and southern Podlasie basins
16.45	SS26.02	H. Jäger Source rock development in front of active continental margins – the Lower Carboniferous of the southern North German Basin, Germany
17.00	SS26.03	P. Edina, V. Lemberkovics Geological and geochemical analysis, basin modeling of the Neogene sediments of a hydrocarbon exploration area, southern part of the Great Hungarian Plain

17.15	SS26.04	M. Wendorff, M. Rospondek, B. Kluska, L. Marynowski Organic matter maturity of the Lower Oligocene black shales in the Flysch Eastern Carpathians and the Transylvanian Basin hinterland, Romania
17.30	SS26.05	A. Mullakaev, E. Dusmanov, R. Khassanov Formation conditions of the Permian bitumen-containing sediments in the east of the East European Platform (Russia)
17.45	SS26PD	H. Jäger, A. Emmerich, S. Porębski (conveners) Key factors influencing source rock development – open discussion

ROOM: GONDWANA

SESSION SS10

Non-marine carbonates: A multidisciplinary approach | Conveners: Enrico Capezzuoli, Rudy Swennen

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS10KN	H. Vonhof Isotope analysis of fluid inclusion water in non-marine carbonates
12.15	SS10a.01	Á. Török, R. Swennen, A. Mindszenty, H. Claes, S. Kele Sedimentological study and tentative reservoir characterization of the “Gazda” travertine quarry (Süttő, Gerecse Hills, Hungary)
12.30	SS10a.02	G.R. Couto Pereira, E. Castro de Oliveira, S. Bergamaschi Silica/carbonate sediments in thermal setting: Deposition and diagenesis of Paleocene travertine sequence in south-east Brazil

12.45	SS10a.03	A. Kano, C. Takashima, T. Okumura Geomicrobiological processes in daily laminated travertines
-------	----------	---

Lunch break

14.15	SS10b.01	V. Pascucci, E. Capezzuoli The use of GPR to investigate the internal structure of travertine strata
14.30	SS10b.02	G. Berardi, A. Billi, S. Kele, F. Rossetti, M. Soligo, G. Vignaroli Space-time evolution of a hydrothermal system: Dating and stable isotope geochemistry of Quaternary thermogene travertines in Southern Tuscany (Albegna Valley, central Italy)
14.45	SS10b.03	C. Aratman, M. Özkul, H. Claes, R. Swennen Origin of travertine lithotypes in Denizli Basin, Western Turkey: Petrographic and geochemical approaches
15.00	SS10b.04	A. Mancini, M. Marques Ertal, E. Capezzuoli, R. Swennen Tivoli travertine deposits: A 3D sedimentological model of a reservoir analogue
15.15	SS10b.05	G. Della Porta, A. Croci, M. Marini, S. Kele Depositional architecture and facies character of the Tivoli Pleistocene travertines (Acque Albule Basin, Central Italy)
15.30	SS10b.06	A. Gandin, E. Capezzuoli, G. Ruggieri, A. Brogi, M.C. Alçiçek, D. Liotta, M. Meccheri Onyx-like carbonate veins: A challenging banded deposit for tracing the underground circulation of hydrothermal fluids

Posters, afternoon coffee & wine (Panthalassa)

16.30	SS10c.01	S. Claes, J. Soete, H. Claes, J. Dewit, E. de Boever, M. Özkul, R. Swennen Upscaling strategy for porosity networks in complex non-marine carbonate reservoirs
-------	----------	--

16.45	SS10c.02	A. Dupasquier, D. Grolimund, J. Pena, E.P. Verrecchia New insights into the origin of Mn-rich shrubs in hot-spring travertines using synchrotron analyses
17.00	SS10c.03	R. Mercedes-Martin, M. Rogerson, A. Brasier, R. McGill, M. Pedley Calcium carbonate spherulites or just botryoidal growth?: Insights from a sublacustrine and alkaline carbonate setting
17.15	SS10c.04	S. Kele, A. Markó, J. Kisné Cseh, S. Chuan-Chou, W. Chung-Che, S. Bernasconi Samuel's paleo-jacuzzi: Dating and clumped isotope-based temperature of the Vértesszőlős Early Man site (Hungary)
17.30	SS10c.05	J. Andrews, A. Marca, P. Dennis, J. Dabkowski, M. Rogerson, C. Arenas-Abad Clumped isotopes in tufas: The good, the bad, and the ugly
17.45	SS10c.06	J. Dabkowski, L. Brou, H-G. Naton The Direndall tufa deposit (Luxembourg): A new record of environment and climate evolution during the Holocene based on combined stratigraphical, malacological and geochemical studies
18.00	SS10c.07	M.J. Herrero, J.I. Escavy, M.E. Arribas Genesis and preservation of environmental signals in a tufa analogue: Insights of carbonate precipitation rates and factors quantification

ROOM: BALTICA

SESSION SS13

Phanerozoic giant marine evaporite basins: From Zechstein to Mediterranean and in between |

Conveners: Frank J.G. van Den Belt, Poppe de Boer, Tadeusz Peryt

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS13a.01	P. Zdanowski Impact of dehydration of the Zechstein gypsum (A1) on deposition of the Older Potash (K2) in western Poland, implication for hydrocarbon exploration
12.00	SS13a.02	M. Natalicchio, D. Birgel, J. Peckmann, G. Carnevale, F. Lozar, X. Liu, K-U. Hinrichs, F. Dela Pierre Palaeoenvironmental changes at the onset of the Messinian Salinity Crisis (NW Italy): A microbial perspective
12.15	SS13a.03	F. Dela Pierre, M. Natalicchio, A. Bertini, G. Carnevale, F. Lozar, E. Martinetto Fresh water inflows and eutrophication during the deposition of the Messinian gypsum: Insights from the Piedmont Basin (NW Italy)
12.30	SS13a.04	A. Engler, J. Barnasch, T. Seifert, S. Zeibig Structure of the Werra Anhydrite (z1ANa) within the Werra potash deposit
12.45	SS13a.05	T. Drøhse, S. Olaussen, L. Stemmerik Deposition and karstification of Upper Permian Zechstein carbonates on the Utsira High, North Sea

Lunch break

14.15	SS13b.01	S. Burliga Interplay of tectonics and sedimentation in the Polish Zechstein Basin
14.30	SS13b.02	F.J.G. van Den Belt, P. de Boer The depth of the Late Miocene Mediterranean Sea and other marine-evaporite basins
14.45	SS13b.03	F. Scheffler, R. Oberhänsli, A. Pourteau, A. Immenhauser, O. Candan Selenite pseudomorphs in mid-Cretaceous Neotethyan metasediments of Anatolia's HP/LT belts
15.00	SS13b.04	T. Peryt, K. Dyjaczynski, H. Kiersnowski Controls on carbonate and evaporite deposition of basal Zechstein (Wuchiapingian) in SW Poland

Posters, afternoon coffee & wine (Panthalassa)**SESSION SS22**

The changeable greenhouse world: Interpreting records of climate, sea level, biota, and biogeochemical cycles of the Cretaceous | Conveners: David Uličný, Ian Jarvis, Ireneusz Walaszczyk

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
16.30	SS22KN	B. Sageman Recent advances in Late Cretaceous geochronology and chronostratigraphy
17.00	SS22.01	S. Huck, U. Heimhofer Shallow-water sea-surface temperatures and seasonalities from the subtropical Tethyan realm: Evidence for Mid-Cretaceous greenhouse climate variability

17.15	SS22.02	I. Jarvis, J. Trabucho-Alexandre, D. Gröcke, D. Uličný, J. Laurin Stable-isotope chemostratigraphy: Intercontinental correlation of organic carbon and carbonate records, and evidence of climate and sea-level change during the Turonian (Cretaceous)
17.30	SS22.03	D. Uličný, G. Plint, S. Čech, I. Walaszczyk, D. Gröcke, J. Laurin, I. Jarvis High-frequency, shallow marine clastic sequences across the Turonian–Coniacian boundary, correlated between the Bohemian Cretaceous and Western Canada basins
17.45	SS22.04	E. Chenot, J-F. Deconink, P. Pellenard, P. Amiotte-Suchet, L. Bruneau, T. Cocquerez, E. Puceat, F. Robaszynski Mineralogical and geochemical expression of the Late Campanian Event in the Aquitaine and Paris Basins (Tercis-les Bains section and Poigny borehole): Palaeoclimatic implications

ROOM: TETHYS

SESSION SS14

Processes and sedimentary successions in the fluvial-marine transition of estuaries |

Conveners: Paul A. Carling, Dan Parsons

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS14.01	K.S. Davies-Vollum, M. West Fluctuating fluvial-marine influences in a lagoon-barrier system from Ghana
12.00	SS14.02	K. Smith, S. Dashtgard Lateral accretion rate of the tide-dominated freshwater Pitt River, Canada and implications for the rock record
12.15	SS14.03	C. Keevil, D. Parsons The effects of flood-ebb flows on a large tidal bar within the tidal-fluvial transition zone
12.30	SS14.04	J. Walsh, R. Corbett, D. Eulie, D. Hawkins Sedimentary functioning of the Albemarle-Pamlico estuarine system, NC, USA
12.45	SS14.05	C. Pirkenseer, G. Rauber Marine to fluvial Cenozoic sediments in the Canton of Jura at the interface between two tectonic and sedimentologic provinces
Lunch break		

SESSION SS23

Hominin evolution, tectonic basins and climate | Conveners: Matthew Bennett, Sally Reynolds

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
14.15	SS23a.01	S. Reynolds, M. Bennett Basins of fate: Tectonics, sediments and human evolution
14.30	SS23a.02	G. King, S. Kuebler, S. Rucina, P. Kwengu Strategic use of landscape by hominins in the southern Kenya Rift constrained topographic reconstruction, soil nutrients and animal distributions
14.45	SS23a.03	P. Hopley Linking climate change and hominin evolution: New palaeoclimate evidence and the limitations of the hominin fossil record
15.00	SS23a.04	H. Lamb, A. Cohen, A. Asrat, R. Arrowsmith, C. Campisano, A. Deino, C. Feibel, V. Foerster, J. Kingston, T. Lowenstein, D. Olago, B. Owen, R. Renaut, F. Schaebitz, M.H. Trauth, Hspd Project Members The hominin sites and paleolakes drilling project: Testing hypotheses of climate-driven human evolution and dispersal
15.15	SS23a.05	M. Bennett, S. Morse, M. Budka Tracks and sediments: Evolutionary stasis in foot function?
15.30	SS23a.06	S. Pla-Pueyo, D. Schreve, I. Candy, C. Viseras Characterising palaeoenvironments of early human settings in the Guadix Basin (Betic Cordillera, S Spain)

Posters, afternoon coffee & wine (Panthalassa)

16.30	SS23b.01	T. Luedecke, F. Schrenk, H. Thiemeyer, O. Kullmer, J. Fiebig, U. Wacker, A. Mulch Stable isotope-based reconstruction of climate and vegetation during hominin evolution in the Malawi Rift
16.45	SS23b.02	H. Lamb, R. Bates, C. Bryant, S. Davies, D. Huws, H. Roberts Climatic context of modern human dispersal from north-east Africa

ROOM: IAPETUS

SESSION SS21

Sedimentary response of polar coastal and shallow marine environments to climate changes |

Conveners: Witold Szczuciński, Matthias Forwick

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.45	SS21.01	W. Szczuciński, M. Forwick, M. Moskalik, A. Dominiczak High resolution sedimentary and landform record of glacial post Little Ice Age activity from Hornsund fjord, Svalbard
12.00	SS21.02	M. Łącka, M. Zajączkowski, M. Forwick, W. Szczuciński, J. Pawłowska, M. Kucharska A number of several warmer spells noted on eastern Svalbard during Younger Dryas – a bidecadal resolution of paleoceanographic record of Atlantic Water variability
12.15	SS21.03	M. Strzelecki, A. Long, P. Zagórski, E. Sessford, Ł. Pawłowski, M. Jaskólski The impact of post-Little Ice Age glacier retreat and paraglacial landscape transformation on coastal evolution in Svalbard

12.30	SS21.04	V. Cartelle, N. Martínez-Carreño, S. Garcia-Gil First seismic stratigraphic analysis of the sedimentary record of the Ria de Ferrol (“Rías Altas”, NW Spain)
12.45	SS21.05	N. Martínez-Carreño, V. Cartelle, S. Garcia-Gil First characterization of the Maximum Interglacial (120 kyr BP) in the Ría de Vigo (NW Spain): A reinterpretation of the sedimentary infill

Lunch break

SESSION SS18

Heavy minerals in the sedimentary record | Conveners: Dorota Salata, Andrew Morton, Sergio Andò

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
14.15	SS18a.01	S. Vincent, A. Morton, F. Hyden, M. Fanning Using heavy mineral analyses to determine the provenance of Cenozoic siliciclastic depositional systems supplying the northern margin of the eastern Black Sea
14.30	SS18a.02	P. Robinson, D. MacDonald Using heavy minerals to discriminate local and distal deposits in a basin sourced by a continental-scale river system
14.45	SS18a.03	A. Wilkins, J. Wilson, A. Morton, A. Hurst, S. Archer Baddeleyite in Triassic loessites of the Smith Bank Formation, Central North Sea, UK: Provenance implications for its first occurrence within a sedimentary rock

15.00	SS18a.04	Ł. Bujak, B. Woronko, B. Marcinkowski, H. Winter, T. Werner, O. Rosowiecka, M. Źarski Changes in the conditions and directions of the fluvial deposit transport at the turn of the Miocene and Pliocene recorded in the heavy mineral composition (the example of central Poland)
15.15	SS18a.05	M. Pisarska-Jamroży, A.J.T. van Loon, B. Woronko The role of the flow regime in the sorting of heavy minerals in Pleistocene glaciofluvial sediments with a high sedimentation rate
15.30	SS18a.06	A. Krippner, G. Meinhold, A. Morton, H. Von Eynatten, J. Schöning Heavy mineral analysis and garnet geochemistry of hardrocks and modern stream sediments from the Western Gneiss Region, SW Norway: Implications for provenance analysis

Posters, afternoon coffee & wine (Panthalassa)

16.30	SS18b.01	D. Salata, A. Uchman External morphology of detrital zircon in sediment provenance studies: An example based on the Ropianka and Menilite formations (Skole Nappe, Polish Flysch Carpathians)
16.45	SS18b.02	S. McVicar Wright, G. Rollinson, R. Shail, R. Scrivener, J. Andersen, J. Still, J. Pickles The application of automated mineralogy to the heavy mineral provenance of Permo-Triassic red-bed successions in SW England
17.00	SS18b.03	D. Lenaz, V. Lughi Micro Raman spectroscopy as a tool for Cr-spinels analyses: Can it be used for finding Cr-spinels provenance in paleogeographic reconstructions?
17.15	SS18b.04	L. Caracciolo, T. Stone, M. Barbarano Quantitative heavy mineral analysis in the oil industry

TUESDAY 23.06.2015

ROOM: PANTHALASSA, Poster Session (11.00–11.45; 15.45–16.30)

SESSION SS01

Carbonate platforms: Archives of global change

Presentation ID	Authors and Presentation Title
PS1.SS01.01	B. Horváth, K. Hips Triassic slope and basinal carbonates at the western end of the Tethys (NE Hungary) – microbial boundstone and the associated deposits
PS1.SS01.02	S. Huck, U. Heimhofer Rudist bivalves as chemostratigraphic archive: Towards an improved chronostratigraphy of Urgonian carbonate platform evolution in the subtropical Tethyan realm
PS1.SS01.03	L. Pomar, M. Morsilli, P. Hallock Internal waves and carbonate systems
PS1.SS01.04	I. Cornacchia, L. Tomassetti, M. Brandano, S. Milli, I. Raffi Facies analysis and depositional architecture of the Santo Spirito Formation (Majella, Central Apennine)
PS1.SS01.05	R. Ying, D. Zhong, C. Gao Reconstructing the depositional environment of the late Sinian Dengying Formation in eastern Sichuan Basin and its geological significance

PS1.SS01.06	H. Poukarova, K. Hron, O. Bábek, M. Famera, D. Simícek, L. Slavík, J. Hladil, T. Weiner Quantitative compositional analysis of the Lochkovian–Pragian boundary event at “Na Chlumu Quarry” (Prague Synform, Czech Republic)
PS1.SS01.07	W. Jiayi, S. Lokier The shell’s got rhythm: deciphering cyclicity in the growth of a Pleistocene shell of the ‘Giant Clam’ <i>Tridacna</i> from Abu Dhabi, UAE
PS1.SS01.08	W. Court, S. Lokier Unwrinkling the mats: A reappraisal of the microbial mat subzonal scheme of the Abu Dhabi sabkha

SESSION SS10

Non-marine carbonates: A multidisciplinary approach

Presentation ID	Authors and Presentation Title
PS1.SS10.01	A. Németh, A. Demeny, G. Czuppon, S. Leél-Őssy, G. Surányi, S. Chuan-Chou, G. Dobosi, G. Záray, M. Óvári Comparison of sedimentological processes and stable isotopic composition of a cave hosted travertine deposit (Béke Cave, NE Hungary)
PS1.SS10.02	A. Muñoz, M. Bartolome, A. Muñoz, C. Sancho, A. Moreno, J. Hellstrom, M.C. Osácar, I. Cacho, H. Stoll Solar influence and hydrological variability from a speleothem annual record during the Holocene: A multi-proxy study (Molinos cave, NE Spain)
PS1.SS10.03	A. Brogi, E. Capezzuoli, G. Ruggieri, A. Gandin, M.C. Alçiçek, D. Liotta, M. Meccheri, C.C. Yalçiner, A. Büyüksaraç Travertine fissure-ridges as proxies of tectonically controlled hydrothermal fluids fed by a carbonate reservoir: Special emphasis on Denizli Basin of SW Anatolia, Turkey

PS1.SS10.04	S. Pla-Pueyo, L.M. Yeste, S. Henares, F.J. Martínez-Moreno, C. Viseras 3D model of a barrage tufa as a potential analogue for carbonate reservoirs (Guadix Basin, S Spain)
PS1.SS10.05	A. Luzón, A. Pérez, O. Pueyo, A. Muñoz, A. González, A. Gauthier, M.J. Mayayo, J.A. Sánchez Tufa fluvial deposits: Beyond the sedimentary model
PS1.SS10.06	J. Camuera, A.M. Alonso-Zarza, A. Rodriguez-Berriguete Variations of Tortajada fluvial-tufa sub-environments in a tectonically active basin, Teruel semigraben, NE Spain
PS1.SS10.07	A. Croci, G. Della Porta, E. Capezzuoli Depositional architecture and evolution of mixed travertine-siliciclastic succession in a fault controlled continental extensional basin (Messinian, southern Tuscany, central Italy)
PS1.SS10.08	M. Virág, A. Mindszenty, K. Kiss, S. Kele, G. Czuppon, L. Palcsu, G. Surányi, M. Braun, T. Weidinger, A. Hegedűs, S. Leél-Őssy Superimposition of hypogenic and epigenic karst processes documented by speleothems of the Szemlő-hegy Cave (Budapest, Hungary)
PS1.SS10.09	A. Mindszenty, M. Virág, Z. Bendő, A. Hegedűs Unusual speleothems from a non-spelean environment – mineral precipitates of the Széchenyi Spa (Buda Thermal Karst, Budapest, Hungary)
PS1.SS10.10	R. Burne, A. Chagas, P. Horne, I. Lewis, J. Shuster, G. Southam, M. Thurgate, G. Webb, J. Webb Microstructure of non marine, deep water microbialites in Blue Lake (Maar) of Mount Gambier and in adjacent Hypogenic Cenotes, south east south Australia
PS1.SS10.11	M.B. Munoz-Garcia, M. Fregenal, J. Elez, R. de La Horra The hidden face of the karst or the hidden karst phase in the Lower Cretaceous of the Serranía de Cuenca Basin (east-central Spain)
PS1.SS10.12	S. Madonna, A. Gandin Geothermal derived carbonate deposition in a volcanic plateau (Viterbo, Italy)

PS1.SS10.13	J-C. Schaegis, A. Foubert, D. Jaramillo-Vogel, B. Atnafu, T. Kidane Evolution of non-marine Quaternary deposits in the Danakil Basin (NE Afar, Ethiopia): Preliminary results
PS1.SS10.14	W. Wróblewski, M. Gradziński, J. Motyka, J. Stankovič Recently growing subaqueous flowstones in selected caves in Slovakia: Occurrence, petrography, and growth conditions

SESSION SS13

Phanerozoic giant marine evaporite basins: From Zechstein to Mediterranean and in between

Presentation ID	Authors and Presentation Title
PS1.SS13.01	S. Shekhunova, S. Stadnichenko, N. Siumar, M. Aleksieienkova The Lower Permian evaporite formation of the Dnipro-Donetsk Depression (Ukraine): Sedimentary and geochemical peculiarities

SESSION SS14

Processes and sedimentary successions in the fluvial-marine transition of estuaries

Presentation ID	Authors and Presentation Title
PS1.SS14.01	A. Wang, X. Xu, X. Ye, Y. Xu The fate of terrestrial substances discharged from Minjiang River
PS1.SS14.02	G. Rauber, C. Pirkenseer Codification of lithofacies at a transition from marine to fluvial environments: A simplified approach

SESSION SS17

Linking sedimentary processes and stratigraphy across scales in deep water systems: Field, experimental and computational approaches

Presentation ID	Authors and Presentation Title
PS1.SS17.01	P. Buffon, P. Lopes Brandão Paraizo, R. Manica, A.L. de Oliveira Borges Small-scale physical simulation of gravity flows in minibasins
PS1.SS17.02	A. Di Capua, G. Groppelli, G. Vezzoli Surfacial processes and deep-sea sedimentation: When source-to-sink systems are no more preserved
PS1.SS17.03	J. Szczepański, R. Anczkiewicz, A. Buniak, A. Kędzior, M. Paszkowski, S. Porębski Provenance signals in Early Palaeozoic sandstones in the Lublin Basin (SE Poland): From passive margin to collision suture
PS1.SS17.04	L. Tőkés, I.R. Bartha, L. Silye, C. Krézsek, O. Sztanó Diversity of channels and lobes in the deep-water Lake Pannon, southern Transylvanian Basin
PS1.SS17.05	D. Casas, G. Ercilla, F.J. Hernandez-Molina, Mower Cruise Team Bottom current-generated bedforms: The action of the MOW (Mediterranean outflow)

SESSION SS18

Heavy minerals in the sedimentary record

Presentation ID	Authors and Presentation Title
PS1.SS18.01	A. Zular, A. Oliveira Sawakuchi, C.C.F. Guedes, P.C.F. Giannini Changes in provenance recorded by heavy minerals and luminescence (OSL/TL) sensitivity of quartz: A SE Brazil coastal barrier case

PS1.SS18.02	I. Mounteney, A. Farrant, A. Burton Provenance of the Rub'al Khali desert sands, Uunited Arab Emirates; analysis of heavy minerals by ICP-AES
PS1.SS18.03	K. Löwen, M. Bröcker, J. Berndt Depositional ages of clastic metasediments from Syros and Samos, Greece: Results of a detrital zircon study
PS1.SS18.04	M. Olivarius, R. Weibel, N. Keulen The influence of climatic conditions and subsequent diagenesis on heavy minerals in Danish sandstones at depths of 0–5 km
PS1.SS18.05	S. Nehyba, R. Roetzel Depositional environment and provenance analyses of the Zöbing Formation (Upper Palaeozoic) in Austria
PS1.SS18.06	M. Francírek, S. Nehyba, J. Otava Provenance of the Karpatian (Lower Miocene) deposits in the Central part of the Carpathian Foredeep in Moravia
PS1.SS18.07	F. Canile, M. Babinski, A.C. Rocha Campos Provenance of the southeastern Paraná Basin, Brazil, based on U-Pb, Lu-Hf and O isotopic study of detrital zircons and whole rock Sm-Nd and Pb-Pb isotopic signatures
PS1.SS18.08	M. Babinski, G.M. Paula-Santos, C. Guacaneme, M. Kuchenbecker, A.C. Pedrosa-Soares, R. Trindade Isotope geology applied to sedimentary successions: The case of the Bambuí Group, São Francisco Basin, Brazil
PS1.SS18.09	C. Rossignol, G. Cousin, C. Jegourel, M. Poujol, S. Bourquin, M-P. Dabard Comparison of detrital age distribution using hierarchical clustering methods
PS1.SS18.10	S. Andò, E. Garzanti Raman spectroscopy in heavy-mineral studies

PS1.SS18.11	M. Wizevich, C. Meyer, U. Linnemann, A. Gärtner, B-L. Sonntag, M. Hofmann Enhanced provenance analysis of the autochthonous Triassic sandstones of southwest Switzerland using zircon U-Pb dating
PS1.SS18.12	E. Heerwagen, A. Ulyanov, R. Martini Geochemical provenance study on detrital zircon – an attempt to decipher the paleoposition of Mexican terranes

SESSION SS21

Sedimentary response of polar coastal and shallow marine environments to climate changes

Presentation ID	Authors and Presentation Title
PS1.SS21.01	J. Ćwiakała, M. Moskalik Submarine features formed in the coastal zone as a result of the Hans Glacier recession and the impact of oceanographic conditions (Isbjørnhamna, Hansbukta, Hornsund)
PS1.SS21.02	J. Pawłowska, M. Zajaczkowski, A. Zaborska, W. Szczuciński How the Coriolis force impacts paleoenvironmental record? A case study of Hornsund fjord (Spitsbergen, Svalbard)
PS1.SS21.03	M. Forwick Past environmental changes in Spitsbergen fjords inferred from acoustic and lithological data

SESSION SS22

The changeable greenhouse world: Interpreting records of climate, sea level, biota, and biogeochemical cycles of the Cretaceous

Presentation ID	Authors and Presentation Title
PS1.SS22.01	S. Bodin, J.P. Navarro-Ramirez, U. Heimhofer, A. Immenhauser Impact of middle Cretaceous (Albian to Turonian) environmental changes in the eastern sub-equatorial Pacific: New insights from the Andean Basin (northern Peru)
PS1.SS22.02	Z. Remin, M. Cyglicki, B. Gościński, M. Barski, Z. Dubicka, J. Roszkowska-Remin Reassessment of the K/T boundary site at Nasiłów, Poland – new sedimentological model in relation to Chicxulub impact
PS1.SS22.03	M. Wilmsen, B. Dörling, M. Hiss, B. Niebuhr The Cenomanian–Lower Coniacian section at Klieve, southern Münsterland Cretaceous Basin, Germany: Lithological succession, integrated stratigraphy and inter-basinal correlation
PS1.SS22.04	A. Bornemann, J. Erbacher, M. Wilmsen, M. Held, N. Lübke, U. Heimhofer, N. Vollmar The Albian–Cenomanian (Cretaceous) transition in NW Germany: High-resolution integrated stratigraphy of the Anderten research cores
PS1.SS22.05	H. Hooshmand Koochi, G. Carannante, L. Simone, M. Sprovieri, D. Ruberti The response of mid-Cretaceous shallow water carbonate factories to the climatic/oceanographic events: Case study from central-southern Apennines (Italy)
PS1.SS22.06	T. Bult, K. Anderskov, C.E.L. Thompson, P.L. Friend, L. Stemmerik Physical behaviour of the Cretaceous calcareous nannofossil ooze
PS1.SS22.07	B. Sari, R. Kandemir, F. Aydin, S. Oğuz, R. Başer, C. Şen, A. Dokuz Planktonic foraminifera of the Cretaceous Oceanic Red Beds (CORBs) within the volcano-sedimentary series from the eastern Pontides (Giresun, NE Turkey)

PS1.SS22.08	S. Józsa, D. Reháková Microfaunal and microfloral changes during Late Valanginian–Hauterivian in deep-water maiolica type Pieniny Limestone Formation (Orava sector of Pieniny Klippen Belt, Western Carpathians)
PS1.SS22.09	I. Mikellidou, M.V. Triantaphyllou, S. Patruno, F.A. Pomoni-Papaioannou, V. Karakitsios Calcareous nannofossil dating and microfacies analysis of Late Cretaceous deposits from Zakynthos Island (Preapulian Zone, Ionian Sea, western Greece)
PS1.SS22.10	E. Gong, Y. Cui Analysis of sporopollen assemblages and palaeoclimate studies in early Early Cretaceous, Western Liaoning, China
PS1.SS22.11	N. Varela, M.E. Cisternas Ikaite pseudomorphs as cool water proxies in the Lower Cretaceous of the South Shetland Islands, Antarctic Peninsula

SESSION SS26

Controlling factors on source rock quality and hydrocarbon generation during basin development as case studies from Europe

Presentation ID	Authors and Presentation Title
PS1.SS26.01	K. Sobczak, H. Jäger, J. Szulc Depositional systems in the Early Palaeozoic of NE Poland – implications on hydrocarbon source rock development

SESSION SS29*At the cross-roads of sedimentology and geophysics*

Presentation ID	Authors and Presentation Title
PS1.SS29.01	L. Chang, L. Chuncheng Sparse-spike deconvolution promoting frequency dependent seismic stratigraphic analysis and an application
PS1.SS29.02	H. Sun, D. Zhong Application of an integrated geophysical approach to analysis the coarse sedimentary sequences based on the well-log, seismic and 3D magnetotelluric data
PS1.SS29.03	D. Jia, L. Song, X. Zhu New conceptions and framework system of base level cycle and its preliminary application
PS1.SS29.04	Y. Ran, G. Wang Identification of lithology and lithofacies type and its application in Chang 7 tight sandstone oil in Heshui area, Ordos Basin
PS1.SS29.05	J. Ge, R. Pan, X. Zhu, H. Huang Braided river delta sand-body distribution and reservoir predication in a transfer zone: Example from the Paleogene Wenchang Formation, HZ-A block, Huizhou Sag, Pearl River Mouth Basin, China
PS1.SS29.06	T. Kristiansen, J. Moreau, S. Andrews, S. Archer Stratigraphic architecture of Devonian lacustrine basins of Northern Scotland
PS1.SS29.07	A. Stachowska, Ł. Słonka, P. Krzywiec, A. Wysocka, J. Jarzyna, P. Krakowska, E. Puskarczyk, K. Wawrzyniak-Guz, M. Kufrasa Late Cretaceous tectonics vs. sedimentation within the Miechów Trough (SE Poland), or how inversion of the Alpine foreland shaped local depositional systems

PS1.SS29.08	T. Krogulec, A. Wysocka, R. Mieszkowski The 2D-pattern of the Miocene deposits in the marginal part of the Carpathian Foredeep (Miocene, Poland)
PS1.SS29.09	A. Balázs, L. Tőkés, I. Magyar 3D analysis of compaction related tectonic and stratigraphic features of the Late Miocene succession from the Pannonian Basin
PS1.SS29.10	X. Zhu, Y. Dong, D. Zhao, J. Ge, B. Liang Seismic sedimentology of Palaeogene Dainan Formation in Gaoyou Sag, eastern China
PS1.SS29.11	F. Wang, Z. Yin, Z. Ji, J. Li, Y. Chen Comprehensive characterization of fluvial sedimentary features of strong heterogeneous reservoirs: A case study of the Upper Permian Formation in Su36-11 experimental area, Ordos Basin, north China
PS1.SS29.12	J. Moreau, T.L. Hansen, L. Nielsen 3D visualisation of a Jurassic oolitic system with GPR data, Isle of Portland (UK)
PS1.SS29.13	P. Krzywiec, Ł. Słonka, M. Malinowski, A. Stypa, F. Maio, T. Rosowski, M. Mulińska, M. Rowan, M. Kufrasa, M. Cyz, A. Górszczyk Salt tectonics versus Mesozoic sedimentation in central Mid-Polish Trough – results of integrated geological – geophysical study
PS1.SS29.14	Y. Guo, Z. Wang Application of seismic sedimentology on the architecture analysis of meandering river reservoirs: A Case study of N38 fault block of Jidong Oilfield in China

SESSION T04*Geochemical record of sedimentation*

Presentation ID	Authors and Presentation Title
PS1.T04.01	W. Śliwiński Clastic dykes in copper-bearing strata of the Lubin-Głogów Copper Deposit
PS1.T04.02	B. Bieniek Vertical variability of the chemical composition of swampy, lagoon-like and limnic sediments in the Jamno Lake, N Poland
PS1.T04.03	J. Smolarek, L. Marynowski, W. Trela Geochemical evidences of water column euxinia and cyanobacterial blooms during the Ordovician–Silurian mass extinction event
PS1.T04.04	A. Piszczowska, L. Marynowski, M. Rakociński, S. Hartenfels Similarities and contradictions of depositional conditions in the selected Late Devonian Hangenberg black shale horizons
PS1.T04.05	A. Arabas, J. Schlögl Oxygen and carbon isotope records of Lower–Middle Jurassic belemnite rostra and marine carbonates from the Pieniny Klippen Belt (Carpathians)
PS1.T04.06	P. Zvab Rozic, D. Skaberne, T. Dolenec, V. Karamarko, M. Dolenec Influence of sediment characteristics on geochemical record: Marine sediment study
PS1.T04.07	M. Jasionowski, B. Studencka Seasonal record of the stable oxygen and carbon isotopes in the Late Badenian mollusks from the Paratethys (western Ukraine)

SESSION T09

Glacial depositional systems

Presentation ID	Authors and Presentation Title
PS1.T09.01	A. Godlewska, W. Włodarski A new model of transgressive sequence of glacialmarginal fan documented in the Middle Pleistocene seasonal push moraine in eastern Poland: Sedimentary and structural record
PS1.T09.02	K. Senderak Morphodynamics and internal structure of talus slopes in the polar environment
PS1.T09.03	P. Weckwerth, J. Rychel, M. Karasiewicz, B. Woronko, T. Krzywicki, L. Marks, K. Pochocka-Szwarc Sedimentary environments and their hydrodynamic conditions in the subglacial tunnel: A case study
PS1.T09.04	M. Paszkowski, A. Pisarzowska, P.E. Isaacson, G.W. Grader, J.J. Alvaro Recurrence of Hirnantian and Famennian deglaciation facies pattern - the causes and consequences
PS1.T09.05	J. Moreau, L. Le Pourhiet, B. Grappe, M. Huuse, P.L. Gibbard Topographic modification by lithospheric flexure during glacial maxima: Tentative reconstructions of southern North Sea landscapes during the Elsterian

SESSION T10

Volcanic depositional systems

Presentation ID	Authors and Presentation Title
PS1.T10.01	B. Xian, H. Niu, Y. Dong, X. Zhu, S. Zhu, H. Li, Y. He Influence of environment on rhyolitic volcanic eruption in lacustrine setting: Early Permian Fengcheng Formation in NW Junggar Basin, NW China

PS1.T10.02	M. Cisternas, H. Aguad Tectonic evolution of the Jurassic–Lower Cretaceous Magmatic Arc from provenance studies in the Eastern Region of Atamaca, Chile, between 26° and 27° S
PS1.T10.03	G. Rolandi, R. Rolandi, D. Ruberti, M. Vigliotti The impact of the Apennine chain on deposits issued by the explosive eruption of Campanian ignimbrite 39,000 years ago

Wednesday, 24th June

WEDNESDAY 24.06.2015

ROOM: PANGEA I & II

Convener: M. Adam Gasiński

PLENARY KEY NOTE LECTURES

Time	ID	Authors and Presentation Title
8.30	KN3	Adrian Immenhauser Mg
9.30	KN4	Wojciech Nemec Colluvium - the ugly duckling of clastic sedimentology

Posters & morning coffee (Panthalassa)

ROOM: PANGEA I

SESSION T13

Carbonate platforms and reefs | Conveners: Eberhard Gischler, Piotr Łuczyński

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
11.15	T13b.01	M. Salter, C. Perry, A. Harborne The production and fate of fish-derived carbonates in shallow warm-water carbonate provinces

PANGEA I (Wednesday 24.06.)

11.30	T13b.02	C. Betzler, S. Lindhorst, G. Eberli, J. Reijmer, T. Lüdmann, M. Wunsch Great Bahama Bank slope sedimentation patterns: The model of periplatform drifts
11.45	T13b.03	H. Corlett, C. Hollis, R. Gawthorpe, J. Hirani, E. Bastesen, A. Rotevatn Tectonic controls on the distribution of remobilised carbonate facies along the Syrian Arc Fold Belt: Eocene Thebes Formation, Hammam Faraun Fault Block, Sinai Egypt
12.00	T13b.04	M. Reolid, I. Abad Iron crusts of the Middle–Upper Jurassic unconformity of the External Prebetic (Betic Cordillera, SE Spain)
12.15	T13b.05	A. Xu, Z. Wang, X. Zhai, D. Bao Seismic reflection characteristics and geological models of reefal buildups of Upper Permian Changhsingian in the Sichuan Basin, Southwest China
12.30	T13b.06	S. Kershaw Low versus high oxygenation of the seawater in which Permian–Triassic microbialites formed: Has the problem been solved?

Lunch break

Convener: **Stephen Kershaw**

14.15	T13c.01	I. Polonio, I. Piene Gianotten, P. Gillespie, F.S. van Buchem Stratigraphic architecture and reservoir quality in the Upper Permian sequences of the Johan Sverdrup field, Norway
14.30	T13c.02	S. Patranabis-Deb, M. Słowakiewicz, M.E. Tucker, R.D. Pancost, P. Bhattacharya Carbonates and related facies with vestiges of biomarkers from the Chattisgarh Basin, India: Clues to redox conditions in the Mesoproterozoic ocean

SESSION SS07

Triassic to Jurassic peritidal sedimentation | Conveners: Fotini Pomoni-Papaioannou, Dan Bosence

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
14.45	SS07KN	M. Santantonio Western Tethyan rifting: Growth and demise of Lower Jurassic carbonate platforms, and the birth of pelagic carbonate platform/basin systems
15.15	SS07a.01	S. Bodin, F-N. Krencker, L. Kabiri, A. Immenhauser Impact of Early Jurassic environmental perturbations on neritic carbonate factories
Posters, afternoon coffee & wine–'Depositional Record' Reception (Panthalassa)		
16.15	SS07b.01	L.A. Dimuccio, L. Duarte, L. Cunha Facies architecture and depositional model for the Coimbra Group, Lusitanian Basin (Portugal)
16.30	SS07b.02	M. Aurell, B. Bádenas Comparative analysis of high-frequency sequences recorded across different subsident domains of the Sinemurian Iberian carbonate platform (NE Spain)
16.45	SS07b.03	M. Krobicki, M. Kati, A. Zambetakis-Lekkas, E. Skourtsos, A. Alexopoulos, E. Mloukie The Early Jurassic <i>Lithiotis</i> -type bivalves-bearing peritidal carbonates (Gavrovo-Tripolitza Unit, Peloponnesus, Greece)
17.00	SS07b.04	J. Haas, G. Lukoczki, T. Budai, A. Demeny Genesis of Late Triassic peritidal dolomites in the Transdanubian Range, Hungary

ROOM: PANGAEA II

SESSION T12

Deep-marine depositional systems | Conveners: Jeff Peakal, Roberto Tinterri

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T12a.01	V. Pujalte, J.M. Molina, E. Apellaniz, F. Caballero, S. Ortiz, X. Orue-Etxebarria, X. Orue-Etxebarria, J. Rodriguez Tempestites? Turbidites? Contourites? The Lower Paleocene <i>Microcodium</i> -bearing calcarenites of the Spanish Subbetic Zone revisited
11.30	T12a.02	P. Dziadzio The Magdalena Sandstone (Silesian Nappe, Polish Outer Carpathians): Deep-water turbidites or shelf tempestites?
11.45	T12a.03	M. Wendorff, A. Sieminska, A. Moszkowicz, P. Godlewski Facies variations and depositional modes in an olistostrome sequence grading to turbidite fan succession within the Menilite Beds (Oligocene) at Skrzydlina, Polish Outer Carpathians

12.00	T12a.04	V.L. Ho, R. Dorrell, G. Keevil, W. McCaffrey Pulsing turbidity currents
12.15	T12a.05	O. Sztanó, A. Horányi, G. Molnár, G. Bada One basin, three different turbidite systems: Late Miocene, Makó Trough, Pannonian Basin, Hungary
12.30	T12a.06	M. Tuchkova, E. Vatrushkina, S. Sokolov, V. Verzhbitsky Gravity flows of Mesozoic deposits of Chukotka – paleogeographical and geodynamic evidences

Lunch break

Conveners: **Hans-Jürgen Gawlick, Dorrik Stow**

14.15	T12b.01	R. Roban, C. Krézsek, M.C. Melinte-Dobrinescu Lower Cretaceous depositional systems in the outer part of the Eastern Carpathians
14.30	T12b.02	L. Jiang, S. Wu, J. Zhang Seafloor pockmarks and linear pockmark trains linked to buried turbiditic palaeo-channel in the Niger Delta Basin, West Africa
14.45	T12b.03	M. Paszkowski, A. Buniak, A. Kędzior, Z. Mikołajewski, S. Porębski Stormy warming-up of Baltica shelf: Transition from Hirnantian „iceberg alley” to Llandovery „hot shales”
15.00	T12b.04	J. Pszonka, M. Wendorff Carbonate lithoclasts identified by cathodoluminescence as a new provenance indicator of the Cergowa submarine fan sandstones (Lower Oligocene)
15.15	T12b.05	E. Vatrushkina, M. Tuchkova Provenance of the Upper Pegtymel Formation (Western Chukotka)

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

Conveners: **Grzegorz Haczewski, Hisashi Suzuki**

16.15	T12c.01	H. Suzuki, H-J. Gawlick Temporal and spatial distribution of radiolarites in the Northern Calcareous Alps
16.30	T12c.02	J. Moreau, M. Boussaha, L. Nielsen, N.R. Thibault, C. Ullmann, L. Stemmerik From ooze to sedimentary rock, the first diagenetic processes affecting the chalk of eastern Denmark
16.45	T12c.03	S.W. Chang, I.J. Graham, H. Choi, S-R. Lee, I.C. Wright Variations in internal textures and formation ages of Fe-Mn nodules from Campbell Plateau and their relationships with sedimentary history

ROOM: LAURENTIA

SESSION SS11

Diagenetic imprint on primary sedimentary features | Conveners: Maciej Bojanowski, Rudy Swennen

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	SS11a.01	J. Matyszkiewicz Epigenetic silicification of Upper Oxfordian limestones in the Sokole Góry (Kraków-Częstochowa Upland)
11.30	SS11a.02	M. Matysik, S. Olausen, L. Stemmerik Silica diagenesis in spicule-rich carbonates and siliciclastics: Tempelfjorden Group (Middle-Upper Permian), Loppa High and Svalbard, Norwegian Barents Sea
11.45	SS11a.03	F. Franchi, C. Turetta, B. Cavalazzi, R. Barbieri Early diagenetic modification of the trace and rare earth elements record of Devonian carbonates: Maïder Basin conical mounds (Eastern Anti-Atlas, Morocco)
12.00	SS11a.04	M.M. Shah Rock-fluid interaction and related processes due to magmatic intrusions in the Devonian Khyber limestone (Khyber Agency, NW Pakistan): Implications on dolomite formation and related conceptual model
12.15	SS11a.05	S. Todaro, C. Hollis, G. Zarcone, P. Di Stefano Multi-scale dissolution events in Western-Tethyan peritidal carbonates close to the Triassic/Jurassic boundary

12.30	SS11a.06	A. Ciurej, G. Haczewski Mending the slow varve-clock: Mechanisms and consequences of selective reduction of dark laminae in varved coccolith sediments
12.45	SS11a.07	A. Kochman From deposits to rock in the laboratory. Is it possible? Microfacial analysis

Lunch break

14.15	SS11b.01	S. Henares, C. Viseras, L. Caracciolo, J. Fernandez, L.M. Yeste, S. Pla-Pueyo Diagenetically-induced heterogeneity in meandering fluvial reservoirs. A Triassic example
14.30	SS11b.02	D. Loope, R. Kettler Mud ball diagenesis: From sideritic floodplains to iron-oxide-rich channel lags

SESSION SS30

Magnetic susceptibility and Gamma Ray Spectrometry – applications in sedimentary geology |

Conveners: Jacek Grabowski, Anne-Christine Da Silva, Krystian Wójcik

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
14.45	SS30a.01	A-C. Silva, L. Chadimova, J. Hladil, F. Hilgen Cyclostratigraphy and environmental magnetism approach on the Lochkovian and Pragian from the Praha region, Czech Republic
15.00	SS30a.02	K. Wójcik Magnetic susceptibility as a stratigraphic tool for correlation of a facies diversified successions: An example from the upper Emsian and Eifelian of the Holy Cross Mountains (Poland)

15.15	SS30a.03	J. Grabowski, I. Lakova, S. Petrova, P. Wójcik-Tabol, D. Ivanova, P. Schnabl, K. Sobień Lithogenic input and redox variations in the Upper Berriasian of the Western Balkan (Barlya section): Constraints from magnetic stratigraphy and geochemistry
-------	----------	---

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

16.15	SS30b.01	M. Martinez, J-F. Deconink, P. Pellenard, L. Riquier, S. Reboulet, M. Company, M. Moiroud New constraints for the Geological Time Scale for astrochronology of the Valanginian–Hauterivian stages (Early Cretaceous) from gamma-ray spectrometry signals
16.30	SS30b.02	J-F. Deconink, J. Ghirardi, P. Pellenard, M. Martinez, L. Bruneau, P. Amiotte-Suchet, E. Puceat Conjunctive use of spectral gamma ray, magnetic susceptibility, calcium carbonate content and clay mineralogy for cyclostratigraphic analyses of the Serre-Chaitieu section (Aptian, Vocontian basin, South-East France)

ROOM: GONDWANA

SESSION SS04

Carbonate coated grains! | Conveners: **Bruno Granier, Tadeusz Peryt**

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	SS04.01	R. Burne, M. Batchelor, J. Paul On the growth, form and ultimate size of ooids
11.30	SS04.02	B. Granier Borings and etchings in the Upper Bathonian–Lower Callovian oolite of the Paris Basin (France)

11.45	SS04.03	B. Granier, V. Barbin, J. Charollais Significance of partial leaching in calcareous ooids: The case study of Hauterivian oolites in Switzerland
12.00	SS04.04	F. Nitsch, J. Nebelsick, D. Bassi Construction and destruction of recent rhodoliths – a case study of rhodoliths from Giglio Island, Italy
12.15	SS04.05	A. Rodriguez-Berriguete, A.M. Alonso-Zarza Changes in coated grain-types from travertine to tufa deposits in Azuaje carbonate building (Canary Islands, Spain)
12.30	SS04.06	T. Peryt, K. Chłódek, M. Jasionowski, P. Raczyński Pisolite facies in the Wuchiapingian Brońsko and Kościan isolated reefs of western Poland

Lunch break

SESSION SS09

Biotic versus abiotic processes in terrestrial sedimentary environments through time |

Conveners: Concha Arenas-Abad, Ana M. Alonso-Zarza

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
14.15	SS09a.01	E.P. Verrecchia, G. Cailleau, P. Junier The oxalate-carbonate pathway (OCP): A way to precipitate calcium carbonate in acidic environments
14.30	SS09a.02	A. Košir Ancient <i>Microcodium</i> and modern calcified roots: Spot the differences!

14.45	SS09a.03	R. Mercedes-Martin, M. Rogerson, A. Brasier, M. Pedley, H. Vonhof, J. Reijmer Impact of stevensite minerals in the nucleation of abiotic CaCO_3 spherulites: An experimental approach
15.00	SS09a.04	M. Rogerson, P. Saunders, J. Wadhawan, G. Greenway, M. Pedley Mg/Ca ratios in freshwater microbial carbonates: Thermodynamic, kinetic and vital effects
15.15	SS09a.05	A.M. Alonso-Zarza, A. Rodriguez-Berriguete, R. Martín-García, M.C. Cabrera How fast is the growth of a man-induced travertine? An example from Canary Islands, Spain

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

16.15	SS09b.01	A. Afify, M.A. Sanz-Montero, J.P. Calvo Biotic versus abiotic iron: An example of the fault-related ironstone hosted in Eocene carbonates in the Bahariya area, Western Desert, Egypt
16.30	SS09b.02	R. Kettler, D. Loope, K. Weber Siderite is an optimal precursor for microbially-mediated iron oxide cementation in sandstones
16.45	SS09b.03	M. Özkul, C. Aratman, R. Swennen Depositional architecture of a travertine dome structure, Ballık area, Denizli, western Turkey

17.00	SS09b.04	D. Loope, R. Kettler Neogene microbial iron-oxidation in a Jurassic eolian sandstone
-------	----------	--

ROOM: BALTICA

SESSION SS19

Trace fossils in palaeoenvironmental studies | Conveners: Alfred Uchman, Francisco J. Rodríguez-Tovar

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	SS19a.01	C. Färber, J. Titschack, K. Ehrig, K. Boos, D. Baum, B. Illerhaus, U. Asgaard, R.G. Bromley, A. Freiwald, M. Wisshak Assessing long-term macrobioerosion in the Eastern Mediterranean Sea via micro-computed tomography
11.30	SS19a.02	I. Lazăr, E. Săsăran, M. Grădinaru, I.I. Bucur Exceptionally preserved bioerosive structures on an intra-Valanginian phosphatized drowning unconformity from Southern Carpathians (Romania)
11.45	SS19a.03	A. Chrząstek, K. Pluta Baltoscandian trace fossils from the northern Estonia and glacial erratic boulders from SW Poland
12.00	SS19a.04	H. Demircan, A. Uchman Ichnological features of prodelta sediments from the Mezardere Formation (Late Eocene–Early Oligocene), Gökçeada Island, NW Turkey

12.15	SS19a.05	A. Wetzel Dating of sub-CCD event deposits by carbonate shells in burrows – conditions and constraints illustrated by an example from the modern South China Sea
12.30	SS19a.06	S. Löhrr, M. Kennedy Extensive reworking of Pliocene sapropels by low-oxygen adapted benthic meiofauna
12.45	SS19a.07	K. Kulkarni, S. Gurav Importance of carbonate hiatus concretion layers in the middle Eocene depositional sequence of Kachchh, India

Lunch break

14.15	SS19b.01	T. Beridze, Z. Lebanidze, K. Koiava, R. Chagelishvili, S. Khutsishvili, N. Khundadze The first evidence of trace fossils in Upper Eocene sediments of Tbilisi Environs (the Achara-Trialeti Fold-Thrust Belt, Georgia) and their geological significance
14.30	SS19b.02	J. Dorador, F.J. Rodríguez-Tovar Novel colour characterization of modern marine cores; grain size determination and trace fossils disturbance

14.45	SS19b.03	D. Árpád, A. Uchman, R. Fodor Paleoichnology of Middle Carboniferous age anchimetamorphic rocks – a preliminary study
-------	----------	---

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

SESSION SS27

Geothermal energy from sedimentary deposits |

Conveners: Ida Lykke Fabricius, Nicolaas Molenaar, Rikke Weibel

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.15	SS27.01	M. Olivarius, R. Weibel, H. Friis, L.O. Boldreel, M.L. Hjuler, L. Kristensen, C. Kjøller, A. Mathiesen, L. Nielsen Diagenesis, provenance and depositional environments of the Bunter Sandstone Formation: Detailed interpretation of reservoir quality using a combined approach
16.30	SS27.02	L. Pasquinelli, I.L. Fabricius, N. Molenaar, J-S. Jeon, S-R. Lee Thermal properties of Gassum Fm and recovery efficiency for thermal energy storage
16.45	SS27.03	T. Orlander, J.J. Asmussen, L. Pasquinelli, I.L. Fabricius Thermal conductivity of sedimentary rocks as function of Biot’s coefficient
17.00	SS27.04	R. Weibel, M. Olivarius, L. Kristensen, H. Friis, M.L. Hjuler, C. Kjøller, A. Mathiesen, L. Nielsen Diagenetic effect on permeabilities of geothermal sandstone reservoirs

ROOM: TETHYS

SESSION T08

Aeolian depositional systems | Conveners: Gary Kocurek, Nigel Mountney

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T08.01	G. Kocurek, S. Brothers Stratigraphic architecture of aeolian dune interactions
11.30	T08.02	B. Woronko, P. Zieliński, R. Sokołowski Does the fluvio-aeolian sedimentary environment exist?
11.45	T08.03	J. Ludwig, S. Lindhorst, C. Betzler, S. Biestedt, R.K. Borówka Coastal dunes as archive of seasonal wind intensity (Łeba, Poland)
12.00	T08.04	M. Olivier, S. Bourquin, G. Desaubliaux, G. Daniau, C. Rossignol Sequence stratigraphy architecture and variations of aeolian deposits preservation in a coastal environment (Permian Cutler Group, SE Utah, USA)
12.15	T8.05	N. Mountney Controls on the accumulation and preservation of aeolian successions
Lunch break		

SESSION SS15*Advances in delta sedimentology and stratigraphy in ancient and modern settings* |

Conveners: Ivan Martini, Enrica Viparelli, Astrid Blom

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
14.15	SS15KN	C. Olariu Mixed energy deltas: The rule rather than the exception
14.45	SS15a.01	L. Colombero, M.N. Shiers, N. Mountney A model for backwater controls on the architecture of distributary channel fills in coastal plain successions: Preliminary test against field data from the Neslen Formation (Campanian – Utah, USA)
15.00	SS15a.02	S. Longhitano, R. Steel Deltas sourcing tidal straits: observations from some field case studies
15.15	SS15a.03	D. Parsons, A. Burpee, R. Slingerland, D. Edmonds, J. Best, J. Cederberg, A. McGuffin, R. Caldwell, A. Nijhuis Grain size controls on the morphology and stratigraphy of river-dominated deltas

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

16.15	SS15b.01	O. Sztanó, I. Magyar, L. Katona, G. Csillag, L. Lenkey, K. Földvári Deltaic architecture in the Late Miocene Lake Pannon: Integration of outcrop, well log, high resolution seismic datasets
16.30	SS15b.02	Y. Huang, X. Zheng, Y. Zhanlong Two scales methods of seismic sedimentology for delta deposition research

16.45	SS15b.03	Y. Sun, Z. Wang, G. Zhang Reservoir architecture analysis of shallow delta plain of the 4 th member of Quantou Formation in Fuyu oilfield
-------	----------	--

ROOM: IAPETUS

SESSION SS20

Application of sedimentary records in coastal environments for natural hazard assessment |

Conveners: Witold Szczuciński, Yuichi Nishimura, Karl Stattegger

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	SS20a.01	H. Pouderoux, J.N. Proust, G. Lamarche, A. Orpin, H. Neil On the use of deep-sea gravity-flow deposits to unravel seismic hazard: Turbidite paleoseismology of the northern Hikurangi subduction margin of New Zealand
11.30	SS20a.02	K. Sian Davies-Vollum, M. West Impacts of sea level rise at a lagoon-barrier system, Ghana
11.45	SS20a.03	P. Avramidis, G. Iliopoulos, G. Wijngaarden Sedimentological response and coastal geomorphology of the last 8500 years of Zakynthos Island, Ionian Sea: A history of a segregated Mediterranean Island

12.00	SS20a.04	Y. Nishimura, Y. Nakamura Variability of tsunami deposits associated with coastal environmental settings that change over time
12.15	SS20a.05	L.B. Clemmensen, A. Clemmensen Glad Storm flood impacts along the shores of tideless inland seas: A morphological and sedimentological study of the Vesterlyng beach, the Belt Sea, Denmark
12.30	SS20a.06	D. Moskalewicz, W. Szczuciński, N. Kopyś Influence of storm surges on coastal morphology – an example from western part of Mierzeja Wiślana sandy barrier, Northern Poland
12.45	SS20a.07	A. Piotrowski, W. Szczuciński, J. Krzywińska, P. Sydor, M. Rządiewicz Examples of catastrophic saltwater inundations (storms or tsunamis) on the southern coast of the Baltic Sea during the late Holocene, north Poland

13.15–14.15 – Discussion session: What do early-career scientists expect from IAS? Please, collect your lunch and come!

SESSION SS20

Application of sedimentary records in coastal environments for natural hazard assessment |

Conveners: Witold Szczuciński, Yuichi Nishimura, Karl Stattegger

14.30	SS20b.01	M. Pisarska-Jamroży, A.J.T. van Loon, M. Nartišs, M. Krievāns Pleistocene earthquakes induced by glacio-isostatic rebound in Poland and Latvia
14.45	SS20b.02	W. Szczuciński, A. Buchwał, P. Ćwik, T. Lawrence, A.J. Long, N.J. Rosser, M.C. Strzelecki New insights in tsunami hazard assessment in polar regions from studies of the 2000 AD tsunami in Vaigat Strait, west Greenland

Posters, afternoon coffee & wine – ‘Depositional Record’ Reception (Panthalassa)

SESSION T14

Cycles and rhythms in sedimentary record | Conveners: Ondrej Bábek, Marek Wendorff

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.15	T14.01	F.J.G. van Den Belt, H.A.W. Prins Dynamic two-dimensional modelling of the formation of classic Pennsylvanian cyclothems: On how sea-level fluctuations are (not) translated to the sedimentary record
16.30	T14.02	O. Bábek, T. Kumpan, J. Kalvoda, T.M. Grygar, J. Frýda The Devonian/Carboniferous interval in a platform-to-basin direction: A geochemical solution of sequence stratigraphy in pelagic settings?
16.45	T14.03	Y. Wu, R. Feng, T. Yue, T. Zhang, S. Tao, Z. Pang The petroleum reservoir characteristic of multi-cycle carbonate systems in the non-marine Jurassic Sichuan Basin, China
17.00	T14.04	M. Wendorff, S. Master Cyclic lacustrine sedimentation in a meteorite impact crater: The Jwaneng South Structure in the Kalahari, Botswana (SW Africa)

Wednesday 24.06.2015

ROOM: PANTHALASSA

Poster Session (10.30–11.15, 15.30–16.15)

'Depositional Record' Reception (15.30–16.15)

SESSION SS04

Carbonate coated grains!

Presentation ID	Authors and Presentation Title
PS2.SS04.01	S. Bodin, F. Schlagintweit Multitaxon oncoidal communities: An example from the Liassic of Morocco (Upper Pliensbachian, Central High Atlas Basin)
PS2.SS04.02	R. Kandemir, Y. Demir Microbial-formed Fe-Mn oncoids from condensed Lower Jurassic deposits: A case study from Eastern Pontides, Turkey
PS2.SS04.03	W. Śliwiński, W. Kaczmarek, D.T. Wright Anhydrite/kaolinite core coated grains of the Permian Weissliegendes Sandstone – an unusual type of structures

SESSION SS07

Triassic to Jurassic peritidal sedimentation

Presentation ID	Authors and Presentation Title
PS2.SS07.01	A. Chatalov, Y. Stefanov, M. Vetseva The Röt-type facies of the Western Balkanides revisited: Depositional environments and regional correlation
PS2.SS07.02	M. Santantonio, S. Fabbi, L. Aldega Rifted Hercynian basement and mixed carbonate/siliciclastic sedimentation in the Jurassic of the Longobucco Basin (NE Calabria, S Italy)
PS2.SS07.03	M. Brandano, L. Corda, L. Tomassetti, I. Cornacchia, M. Maturi, M. Tagliavento, D. Mannetta Frequency analysis of a Lower Jurassic carbonate platform: The Calcare Massiccio Formation (Apennines, Italy)
PS2.SS07.04	V. Karakitsios, F.A. Pomoni-Papaioannou High-frequency, small-scale paleosol horizons in the Lower Jurassic formations of the Tripolis unit (central western Crete)

SESSION SS09

Biotic versus abiotic processes in terrestrial sedimentary environments through time

Presentation ID	Authors and Presentation Title
PS2.SS09.01	S. Pla-Pueyo, C. Viseras, I. Candy, F. García-García Factors controlling the facies distribution of calcareous tufas and travertines: Examples from southern Spain (Alcalá and Guadix Basins)

PS2.SS09.02	E. Toker Preliminary results of the Quaternary Sarıkavak tufa deposits as palaeoenvironmental and palaeoclimatic indicators (Denizli-SW Turkey)
PS2.SS09.03	C. Arenas- Abad, M.C. Osácar, C. Sancho, J. Andrews, L. Auqué, L. Martín Bello, M. Vázquez Urbez, J. Pérez Rivarés Textural and geochemical variations in a recent laminated carbonate fluvial deposit as environmental and temporal indicators
PS2.SS09.04	E. Berrendero, P. Mateo, C.A. Abad, L. Auqué, L. Martín Bello, M.C. Osácar, C. Sancho, M. Vázquez Urbez Relationship between cyanobacterial species composition and calcification patterns in a modern tufa-depositing river (River Piedra, NE Spain): A comparison of the populations occurrence and different sedimentary facies
PS2.SS09.05	M.E. Arribas, R. Mas, S. Sacristán-Horcajada Pedogenic calcretes a characteristic feature in the first alluvial deposits of an intraplate extensional basin (Upper Jurassic, north Spain)
PS2.SS09.06	F. Barilaro, J.A. McKenzie, C. Vasconcelos Biotic vs. abiotic precipitation in hydrothermal spring systems: Modern examples from Tuscany
PS2.SS09.07	M. Kashima, J. Shimada, H. Matsuda Growth mechanism of stalagmites, cave environment and water chemistry of the drip waters in limestone caves beneath different vegetation
PS2.SS09.08	A. Rodriguez-Berriguete, A.M. Alonso-Zarza, A. Martín-Pérez, R. Martín-García, J. Camuera Villalba Baja travertine: An example of Pleistocene spring deposit from Teruel Basin (Spain)
PS2.SS09.09	R. Daza, M.Á. Bustillo Abiotic and biotic opaline speleothems in the Algar do Carvão cave (Terceira, Azores)

SESSION SS11

Diagenetic imprint on primary sedimentary features

Presentation ID	Authors and Presentation Title
PS2.SS11.01	A. Bekbotayeva, A. Baibatsha The composition of the cement in non-metallic red beds and ore-bearing grey sandstones in Copper Zhezkazgan deposit (Central Kazakhstan)
PS2.SS11.02	W. Yan, Z. Jin, L. Shi Genetic mechanism and evaluation of low permeability reservoir in Liaodong Bay Sag, Eastern China
PS2.SS11.03	O. Gyori, A. Mindszenty, K. Hips, J. Haas Peculiar fabric of a Jurassic resedimented carbonate: A result of silica diagenesis? (Gerecse Mts., Hungary)
PS2.SS11.04	K. Hips, J. Haas, O. Gyori Synsedimentary-fault-controlled hydrothermal dolomitization of Triassic slope and basinal deposits, Hungary
PS2.SS11.05	E. Szőcs, K. Hips, S. Józsa, Z. Bendő Petrographic evaluation of diagenetic components in Lower Miocene sandstone (Kishartyán, Northern Hungary)
PS2.SS11.06	C. Buosi, S. Andreucci, E. Romano, A. Ausili, G. de Giudici Microbial-derived pyrite as evidence of early diagenetic processes on a Late Holocene shoreface deposits (Sulcis Iglesiente, west Sardinia, Italy)
PS2.SS11.07	Y. Li, J. Hou, Y. Liu, C. Li Characterization and modeling of paleokarst cave reservoir in different karst zones in Tahe Oilfield, Tarim Basin, China

SESSION SS15*Advances in delta sedimentology and stratigraphy in ancient and modern settings*

Presentation ID	Authors and Presentation Title
PS2.SS15.01	S. Rotaru, A. Vespremeanu-Stroe, F. Zainescu, L. Preoteasa Late Holocene evolution of sandy beach ridge plains from Danube delta
PS2.SS15.02	S. Nehyba, D. Nývlt “Bottomsets” of the lava-fed delta of James Ross Island Volcanic Group, Ulu Peninsula, James Ross Island, Antarctica
PS2.SS15.03	I. Martini, E. Ambrosetti, F. Sandrelli Influence of sediment supply on the stratigraphic architecture of a Gilbert-type delta complex (Pliocene Siena Basin, Italy)
PS2.SS15.04	E. Ambrosetti, I. Martini, F. Sandrelli Stratigraphic architecture of deltaic deposits in high-accommodation settings: The case study of the Valimi Formation (Gulf of Corinth, Greece)
PS2.SS15.05	I.R. Bartha, I. Magyar, L. Fodor, G. Csillag, Z. Lantos, L. Tőkés, O. Sztanó Late Miocene lacustrine deltaic deposit: Integrated outcrop and well data from the junction of the Danube Basin and Gerecse Hills, Hungary
PS2.SS15.06	S. Boya, E. Remacha, M. Roigé, D. Gómez-Gras The Sabiñánigo flood-dominated delta systems revisited (Jaca Basin, south-central Pyrenees, Spain)
PS2.SS15.07	G. Sarti, A. Amorosi, V. Rossi, S. Giacomelli, M. Bini Post-glacial Arno Delta evolution: Depositional processes and controlling factors

SESSION SS19

Trace fossils in palaeoenvironmental studies

Presentation ID	Authors and Presentation Title
PS2.SS19.01	L. Duarte, F.J. Rodríguez-Tovar The first record of <i>Zoophycos</i> in the Lusitanian Basin (Portugal): Addressing generalized palaeoenvironmental conditions during the lowermost Toarcian
PS2.SS19.02	M. Görmüş, H. Demircan, J.K. Nielsen, B. Kabakcı Microborings in the tests of micro and macrofossils from Turkey
PS2.SS19.03	B. Niebuhr, M. Wilmsen Trace fossils from the Upper Cretaceous Elbtal Group (Cenomanian–Lower Coniacian, Saxony, Germany)
PS2.SS19.04	F.A. Figueroa, R. Esperante Ichnological characterization of the initial stages of the basin-wide transgression of the Pisco Formation (Middle Miocene-Lower Pliocene), Peru
PS2.SS19.05	H. Demircan, B. Sari, T. Korkmaz Trace fossils from the Malatya basin ramp deposits (Upper Campanian–Maastrichtan), eastern Turkey
PS2.SS19.06	F.J. Rodríguez-Tovar, A. Uchman, W. Łaska High-resolution ichnological approach of the Cretaceous–Paleogene boundary deposits in the Agost section, Spain
PS2.SS19.07	P. Mikuś, A. Uchman Sediment-fauna interactions in recent fluvial deposits (Dunajec River, SE Poland)

SESSION SS20*Application of sedimentary records in coastal environments*

Presentation ID	Authors and Presentation Title
PS2.SS20.01	M. Yamada, T. Chiba, S. Fujino, K. Goto, J. Goff Micropaleontological evidence for a 4600-year-old marine incursion and associated crustal deformation at a coastal lowland in southeastern Kyushu, Japan
PS2.SS20.02	K. Rotnicki, J. Rotnicka Middle Holocene paleotsunami deposits at Rowy, south Baltic Sea coast, Poland
PS2.SS20.03	J. Rotnicka, W. Włodarski Beach-foredune sand budget along the Łeba Barrier, south Baltic coast, Poland – pilot study and implications for coastal erosion assessment

SESSION SS30*Magnetic susceptibility and Gamma Ray Spectrometry – applications in sedimentary geology*

Presentation ID	Authors and Presentation Title
PS2.SS30.01	P. Ziółkowski, A. Wysocka, T. Hoang Van, N. Quoc Cuong, P. Dong Pha, B. Dąbrowska, R. Staniszewski, W. Miler, F. Rudziński, M. Rączka, O. Cegielska Magnetic susceptibility studies of lacustrine deposits from the Hoangh Bo Basin – in search of a tool for the reconstruction of climate oscillations (Oligocene-Miocene, NE Vietnam)
PS2.SS30.02	L. Zenkner, W. Kozłowski Application of magnetic susceptibility and spectral gamma radiation analysis in distinguishing between various types of graptolite mass accumulations in black shales

PS2.SS30.03	D. Simíček, O. Bábek Evolution of the Silesian ridge in the light of outcrop spectral gamma-ray records obtained from siliciclastic fill of the Silesian basin; the Mazák and Godula Formations, Czech Republic
PS2.SS30.04	P. Boni, M. Parente, A. Iannace, M. Marian, R. Di Cuia Outcrop gamma ray of Upper Cretaceous (Middle/Upper Cenomanian) carbonates from the Apennine Carbonate Platform (Cilento Promontory, southern Italy)

SESSION T08

Aeolian depositional systems

Presentation ID	Authors and Presentation Title
PS2.T08.01	F. Alquini, G. Sarti, M. Bini, A. Ribolini, D. Ciccarelli, D. Bertoni, A. Pozzebon, C. Bove Sand supply from shoreface to foredunes: Aeolian transport measurements and morphological evolution of a Tuscany beach stretch (Italy)

SESSION T12

Deep-marine depositional systems

Presentation ID	Authors and Presentation Title
PS2.T12.01	P. Pinter, R. Butler, A. Hartley, R. Maniscalco Interaction of deepwater sandstones with the substrate: Analogues from Numidian turbidites (Miocene) of Sicily
PS2.T12.02	S. Fabbi, A. Cipriani, P. Citton, M. Romano Clastic episodes within pelagic deposits of the Umbria-Marche Basin (northern Apennines, Italy): Evidence for Early Cretaceous tectonics?

PS2.T12.03	M. Shin, C. Olariu, R. Steel Architecture of coarse grained (conglomeratic) deep water lobes at the base of a sandstone dominated fan, Jurassic Los Molles Formation, Neuquen Basin, Argentina
PS2.T12.04	R. Tinterri, A. Piazza The tectonically-confined foredeep turbidites of the Cervarola Sandstones Formation (Miocene, northern Apennines, Italy)
PS2.T12.05	R. Tinterri, M. Laporta, K. Ogata Cross-currents turbidite facies tract in a structurally-confined asymmetrical mini-basin (Priabonian-Rupelian, Ranzano Sandstone, northern Apennines, Italy)
PS2.T12.06	A. Suchocka, A. Dewiszek Dinoflagellate cyst stratigraphy of the menilite shale beds from the Skole and Boryslav-Pokuttya Units, Outer Carpathians (Aksmanice outcrop) – a preliminary results
PS2.T12.07	S. Yoon, Y. Joe, C. Koh, J. Woo Sedimentological characterization of the Devonian Horn River Formation in British Columbia, Canada
PS2.T12.08	M. Cieszkowski, J. Golonka, J. Kowal-Kasprzyk, M. Szczęch, A. Waśkowska Eocene olistostrome in the northern zone of the Magura Nappe in Tokarnia village (West Outer Carpathians, Poland)
PS2.T12.09	M. Cieszkowski, J. Kowal-Kasprzyk, M. Szczęch, A. Waśkowska Eocene deposits with carbonate concretions in the Silesian Nappe in Rożnów Lake surroundings (Outer Carpathians, Poland)
PS2.T12.10	P. Bochenek, M. Wendorff Contribution to sedimentological and petrographic characteristics of an olistostrome hosted in the Cieszyn Beds at Żywiec (U. Jurassic–L. Cretaceous; Western Outer Carpathians, Poland)
PS2.T12.11	N. Djerić, S. Goričan, N. Gerzina, R. Jach, D. Kukoč, D. Reháková Jurassic–Lower Cretaceous facies and biostratigraphy of the Danubian nappes (eastern Serbia)

PS2.T12.12	R. Jach, N. Djerić, S. Goričan, D. Reháková Palaeoproductivity proxies in the Middle–Upper Jurassic radiolarian-bearing deposits of the Western Tethys Faticum Domain (Poland and Slovakia)
PS2.T12.13	L. Jiang, S. Wu, J. Zhang The morphology and evolution of turbidity channel system and seabed pockmarks: Case study from the X oilfield in Niger Delta Basin, West Africa
PS2.T12.14	F. Porro, A.J. Hartley, D.W. Jolley Building dynamic models for the interpretation of palynological data in turbidite fan deposit
PS2.T12.15	A. Paranjape, A. Kale, K. Kulkarni Basin margin high-density gravity flow deposits from the Late Cretaceous of Cauvery Basin, India
PS2.T12.16	M. Patacci, M. Marini, F. Felletti, A. Di Giulio, W. McCaffrey The stratigraphic significance of turbidite deposition under partially ponded conditions: Bed statistics and onlap geometries, Castagnola mini-basin (Early Miocene, NW Italy)
PS2.T12.17	R. Fongngern, C. Olariu, R. Steel, C. Krézsek Shelf-margin clinoforms and fluvial to deepwater depositional linkage in the lacustrine Dacian Basin, Romania
PS2.T12.18	J. Zhao, Z. Jin, Z. Jin, X. Wen, Y. Geng Lithofacies and depositional environment of Upper Ordovician–lower Silurian gas shale in the Sichuan Basin, China
PS2.T12.19	M. C. Goncuoglu, V. Sachanski, H. Kozlu Correlation and depositional features of the Lower Silurian successions in the Zonguldak and Eastern Tauride terranes, Turkey

PS2.T12.20	Y. Yao, Z. Wan, C. Yang, X. Li, W. Luo Mud volcanoes in the northern Zhongjiannan Basin, western South China Sea: A new type of gravity-flow sediments
PS2.T12.21	M. Wendorff, J. Pszonka Sediment gravity flow systems in a confined tectonically partitioned synorogenic deep marine basin – the Cergowa Beds (Oligocene, Outer Carpathians) in the Dukla and Fore-Dukla Tectonic Units: Evidence from palaeocurrents and facies relationships
PS2.T12.22	M. Sobiesiak, B. Kneller, I. Alsop Kinematic indicators in gravity-driven mass transport complexes: A case study from San Carlos, Baja California, Mexico
PS2.T12.23	D. Borisov, I. Murdmaa, E. Ivanova, E. Seytkalieva, O. Levchenko, E. Emelyanov Sedimentation processes in the region of the Sao Tome seamount (south Atlantic): Bottom current vs. gravity flows
PS2.T12.24	M. Marini, M. Patacci, F. Felletti, A. Cerliani, M. Azzarone, A. Decarlis, W. McCaffrey The depositional architecture of Mass Transport Deposits from the Ventimiglia Flysch Fm. (Eocene, NW Italy): Implications for seafloor reshaping and turbidite deposition
PS2.T12.25	P. Strzeboński From turbidites to debrites – the upper Godula Formation vs the lower Istebna Formation (Late Cretaceous, Silesian Succession, Western Flysch Carpathians)

SESSION T13

Carbonate platforms and reefs

Presentation ID	Authors and Presentation Title
PS2.T13.01	P.A. Ruiz Ortiz, L.M. Nieto, J.M. Molina, J.M. Castro, I. Abad Lacustrine/palustrine carbonates and paleosols interfingered with shallow marine platform carbonates. Aptian–Albian transition, Sierra de Bedmar-Jódar, Prebetic, southern Spain
PS2.T13.02	X. You, C. Lin, Q. Li Microbially mediated dolomite and significance of fossilized microbes in Cambrian stromatolites from the Tarim basin, northwest China
PS2.T13.03	C. Yang, X. Chang, Y. Yao, X. Li Sequence stratigraphy and sedimentary cycle of Miocene carbonate buildups in Zengmu Basin, the southern South China Sea
PS2.T13.04	E. Zoumpoulis, F.A. Pomoni-Papaioannou, A. Zelilidis, G. Iliopoulos Depositional history of an Upper Cretaceous carbonate ramp in Kefalonia Island (western Greece)
PS2.T13.05	M. Reolid, F.J. Rodríguez-Tovar, P. Rivas Lithofacies and microfacies of Toarcian Ammonitico Rosso from the south Iberian palaeomargin (Betic Cordillera, south Spain): Approaching palaeoenvironmental reconstruction
PS2.T13.06	A. Xu, Z. Wang, D. Bao, X. Zhai Depositional sequence and lithology assemblages of Cambrian evaporite-carbonate paragenesis in Sichuan Basin
PS2.T13.07	J. Val, S. Subías, B. Bádenas, M. Aurell From shallow carbonate ramp to coastal terrigenous input: Sedimentary evolution of the Iberian Tithonian platform (NE Spain)

PS2.T13.08	M. Sinapour, A. Seyrafian, N. Arzani, R. Shabafrooz Microfacies and environment of deposition of the Jahrum Formation, Zagros Basin, Iran
PS2.T13.09	S. Lisco, M. Moretti, V. Moretti, F. Cardone, G. Corriero Sedimentologic features of the <i>Sabellaria spinulosa</i> reefs in the Adriatic Sea (Torre Mileto, northern Gargano Promontory, southern Italy)
PS2.T13.10	A. Tessarollo, F. Berra The inception stage of high-relief carbonate platforms: Facies, microfacies and depositional architecture of a Middle Triassic case study
PS2.T13.11	K. Shahzad, C. Betzler, F. Qayyum, A. Qadir Seismo-stratigraphy and drowning of the Paleogene carbonate platform, offshore Indus Basin, Pakistan
PS2.T13.12	P. Raczyński, T. Peryt, D. Peryt, M. Jasionowski, K. Chłódek Bryozoans as the main constructor of the Zechstein reefs
PS2.T13.13	T. Brachert, M. Reuter, S. Krüger, E.J. Petuch, J.S. Klaus, H. Kevin, J.M. Lough Did high atmospheric pCO ₂ cause 50% lower-than-recent calcification rates in Plio-/Pleistocene reef corals (Florida platform, USA)?
PS2.T13.14	K. Salamon Platy coral assemblages in the oldest Middle Triassic scleractinian reefs from Silesia, Poland

SESSION T14

Cycles and rhythms in sedimentary record

Presentation ID	Authors and Presentation Title
PS2.T14.01	K. Skolasińska How natural levees are build-up? – the recent examples

PS2.T14.02	S. Xiao, X. Pang, J. Peng Study of Milankovitch cycles of Palaeogene strata in Zhu I Depression, Pearl River Mouth Basin, South China Sea
PS2.T14.03	S. Jin, H. Wang, H. Cao Astronomical forcing of sedimentary cycles of the Late Eocene Liushagang Formation in the Bailian Sag, Fushan Depression, Beibuwan Basin (South China Sea)
PS2.T14.04	K. Kiss, B. Bradák, J. Szeberényi, G. Varga, J. Kovács, M. Virág, G. Czuppon, Z. Angyal, E. Mészáros, G. Vid Paleoenvironmental reconstruction based on sediment sections of Béke Cave, Hungary

Thursday, 25th June

THURSDAY 25.06.2015

ROOM: PANGAEA I & II

Convener: M. Adam Gasiński

PLENARY KEY NOTE LECTURES

Time	ID	Authors and Presentation Title
8.30	KN5	Helmut Weissert Carbonates – archive for Carbon Cycle history and for chemostratigraphy
9.30	KN6	Ronald J. Steel Future of sequence stratigraphy

Posters & morning coffee (Panthalassa)

ROOM: PANGAEA I

SESSION SS02

Sedimentology and geobiology of carbonate build-ups | Conveners: Daniela Basso, Agostina Vertino, Jürgen Titschack

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
11.15	SS02a.01	B. Kremer, J. Kaźmierczak, T. Fenchel, M. Kühl, S. Kempe Lamination of in situ calcified cyanobacterial mats: Lesson from cultured multilayered marine microbial communities

11.30	SS02a.02	P. Łuczyński, S. Skompski, W. Kozłowski Stromatoporoid biostromes in the Upper Silurian of Podolia (Ukraine) as dynamic bioaccumulations
11.45	SS02a.03	A-C. Da Silva, J. Yans, F. Boulvain Severe and rapid sea level changes affecting Devonian mud mounds from Belgium
12.00	SS02a.04	E. Pelletier, B. Beauchamp, D. Calvo Gonzalez Lower Permian cool-water microbial carbonate mud-mounds of the Sverdrup Basin, Arctic Canada: A unique phenomenon driven by oxidation of phosphate
12.15	SS02a.05	T. Peryt, P. Raczyński, D. Peryt, K. Chłódek, Z. Mikołajewski Sedimentary history and biota of the Zechstein limestone (Wuchiapingian) Jabłonna Reef in western Poland
12.30	SS02a.06	I. Mannani, D. Chafiki, B. Cavalazzi, A. Ait Addi, F.E. Ait Itto The Sinemurian carbonate buildups of N'zala (Central High Atlas, Morocco): Facies, architecture and geodynamic setting
12.45	SS02a.07	S. Vincent, L. Guo, V. Lavrishchev, R. Kandemir, R. Flecker, R. Ellam, M. Boudagher-Fadel Late Jurassic–earliest Cretaceous reef analogues for the Eastern Black Sea; palaeogeographic setting, facies, strontium isotope stratigraphy and reservoir potential

Lunch break

14.15	SS02b.01	G. Coletti, D. Basso, A. Di Capua, G. Vezzoli From build-up to pebbles: Brief history of a crustose coralline build-up of the Upper Eocene of Northwestern Italy
14.30	SS02b.02	A. Vertino Mediterranean cold-water coral buildups: important archives of Quaternary oceanographic modifications

14.45	SS02b.03	D. Sechi, S. Andreucci, V. Pascucci Sedimentary depositional characteristics of intertidal algae build-up rim and their implication on past sea level reconstruction
15.00	SS02b.04	F. Franchi, L. Angeletti, A. Correggiari, M. López Correa, V. Maselli, C. Mazzoli, J. Peckmann, M. Taviani Assessing the genesis and evolution of biotrital methane-imprinted carbonates on the Adriatic continental shelf
15.15	SS02b.05	T. Frank, N. James Carbonate grain taphonomy and diagenesis on a polar shelf
15.30	SS02b.06	M.M. Shah, M. Lisa Depositional settings of the stromatolitic unit in Cambrian Muzaffarabad Formation, Muzaffarabad Area (Azad Kashmir, Pakistan)

Posters, afternoon coffee & wine

SESSION SS05

Calcareous algae as facies indicators in carbonate platform environments |

Conveners: Ioan I. Bucur, Bruno Granier, Emanoil Săsăran

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.30	SS05.01	B. Granier The contribution of some Bryopsidales to the production of limestones

16.45	SS05.02	G. Pleș, D. Șerban Calcareous algae and depositional environment of the Upper Jurassic carbonate deposits from Căprioara-Pojoga area – Mureș Trough (Romania)
17.00	SS05.03	C.V. Mircescu, I.I. Bucur, E. Săsăran Algae and palaeoenvironment: Case study of Upper Jurassic–Lower Cretaceous limestones from Piatra Craiului (South Carpathians, Romania)
17.15	SS05.04	I.I. Bucur, F. Schlagintweit, K. Rashidi, B. Saberzadeh Remarks on <i>Morelletpora turgida</i> (Radoičić) from the Lower Cretaceous of Iran
17.30	SS05.05	R. Chelaru Coralline algal facies and paleoenvironmental interpretation in Gârbova de Sus Formation (Lopadea Veche, Romania)
17.45	SS05.06	E. Săsăran, O. Alin, I.I. Bucur Late Jurassic calcareous algae reworked in carbonate platform slope environments

ROOM: PANGEA II

SESSION T07

Alluvial, colluvial and lacustrine depositional systems | Conveners: Steven Andrews, Lars Clemmensen

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T7a.01	J. Driscoll, M. Hall, M. O'Mara Siliciclastic rift sequences in southwestern Tasmania: Identification of Cambrian–Ordovician lacustrine sedimentation?

11.30	T07a.02	S. Andrews, D. Cornwell, N. Trewin, A.J. Hartley, S. Archer A 2.3 million year lacustrine record of orbital forcing from the Devonian of northern Scotland
11.45	T07a.03	S. Pan, H. Wang, L. Ma, L. Li, Z. Yang Fine- and coarse-grained lacustrine turbidite systems in Fushan Depression, Beibuwan Basin, South China Sea: Implications for sedimentation and reservoir potential
12.00	T07a.04	Z. You, S. Anjiang, H. Jiagen, Z. Xingping Sedimentology of deepwater lacustrine gravity flow channels in a fault controlled reservoir of Paleocene, Bohai Basin, East China
12.15	T07a.05	T. Zhang, J. Shou, Y. Wu, S. Tao, Z. Pang, R. Feng Depositional characteristics, original types and models of lacustrine gravity flow deposits – a case from Lianggaoshan Formation, Middle Jurassic, Sichuan Basin, China
12.30	T07a.06	C. Koç Taşgin, C. Diniz Akarca, I. Turkmen Soft sediment deformation structures induced by seismo-tectonic activity in Bigadiç (Balıkesir) Neogene lacustrine deposits, western Turkey
12.45	T07a.07	M.A. Zahid, D. Chunmei, C. Lin, C. Ma, M.J. Munawar Sequence stratigraphy, sedimentary facies and reservoir quality of Es4s in Niuzhuang sag, southern slope of Dongying Depression, Bohai Bay Basin, East China

Lunch break

Conveners: **Mike Blum, Małgorzata Pisarska-Jamroży**

14.15	T07b.01	C. Koç Taşgin Characteristics and formation mechanism of soft sediment deformation structure observed in alluvial fan deposits, Kuşcular formation (Lower Paleocene), Western Elazığ, Eastern Turkey
-------	---------	--

14.30	T07b.02	A. Novak, O. Bábek Late Pleistocene fluvial sedimentation in the Upper Morava pull-apart basin: Stratigraphy, facies analysis and sediment provenance patterns
14.45	T07b.03	S. Herley, M. Hall Sedimentation styles in an intracratonic rift system; an example from southeast Australia
15.00	T07b.04	S. Dasgupta The depositional model for the Late Triassic Maleri Formation, India: A record of sedimentation by an ephemeral fluvial system in a Gondwana rift basin
15.15	T07b.05	N. Arzani, S. Jones Catchment controls on evolution of dryland alluvial megafans: Quaternary examples from central Iran
15.30	T07b.06	M.J. Munawar, C. Lin, D. Chunmei, C. Ma, M.A. Zahid Depositional and sequence stratigraphic framework of lacustrine turbidite system in the third member (Es3) of Shahejie Formation, Dongying Sag, China

Posters, afternoon coffee & wine

Conveners: **Massimiliano Ghinassi, Piotr Weckwerth**

16.30	T07c.01	P. Huerta, L. Valero, M. Garcés, I. Armenteros, E. Beamud, M. Gómez-Paccard Sedimentation rates and large-scale fluvial architecture. Deciphering the basin external controls
16.45	T07c.02	W. Zhao, H. Xu, Z. Xu, X. Ren Controls of intrabasinal faults on colluvial depositional system and lithologic reservoirs: A case from the Wendong Oilfield, Dongpu Subbasin

17.00	T07c.03	I. Makhoulf Depositional environments of the Ordovician Umm Sahm Sandstone Formation in southern Jordan
17.15	T07c.04	P. Weckwerth The impact of palaeoenvironmental changes on fluvial depositional systems during MIS 3 and 2 in the Toruń Sedimentary Basin (Poland)

ROOM: LAURENTIA

SESSION T11

Shallow-marine depositional systems | Conveners: Vincenzo Pascucci, Joanna Rotnicka

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T11a.01	E. Mutti, R. Tinterri Flood-dominated systems: A fundamental type of fluvio-deltaic sedimentation (a lesson learnt from the ancient)
11.30	T11a.02	L. Brivio, M. Ghinassi, A. D'Alpaos, A. Finotello, A. Fontana, M. Roner, N. Howes 3D internal architecture and morphodynamic evolution of tidal point bars: Inferences from the Venice Lagoon (Italy)
11.45	T11a.03	H. van Der Vegt, J. Storms, D-J. Walstra The response of depositional patterns in river deltas to the balance between bed load and suspended load sediment transport

12.00	T11a.04	M. Fruergaard, I. Møller, P.N. Johannessen, L.H. Nielsen, T.J. Andersen, L. Nielsen, L. Sander, M. Pejrup Barrier system response to a changing sea-level
12.15	T11a.05	S. Garcia-Gil, V. Cartelle, N. Martínez-Carreño Shallow gas characterization in the context of high resolution seismic stratigraphy of the Ría de Ferrol (Rías Altas) and its comparison with the Rías Baixas (NW of Spain)
12.30	T11a.06	S-A. Grundvåg, S. Olaussen, M. Engholm Jelby, D. Marin, A. Escalona, K.K.Śliwinska, H. Nøhr-Hansen The architecture of Lower Cretaceous clastic wedges in Svalbard and the northern Barents Sea: The influence of sea-level change in a low-angle ramp setting
12.45	T11a.07	E. Schwarz, G.D. Veiga Facies and architectural analysis of sandy, large-scale foresets (Agrio Fm., Argentina): Insights into the middle-term construction of shoreface clinoforms

Lunch break

Conveners: Sarbani Patranabis-Deb, Anna Wysocka

14.15	T11b.01	G.D. Veiga, E. Schwarz Facies and stratigraphic record of a Lower Cretaceous, tide-dominated offshore dunefield (Pilmatué Member – Agrio Formation): Sequential and palaeogeographic implications for the southern Neuquén Basin, Argentina
14.30	T11b.02	X. Ge, C. Mou An analysis of sedimentary environment of Wufeng Formation of Upper Ordovician in southeastern Chongqing

14.45	T11b.03	R. Vaucher, H. Hormière, B. Pittet Genesis of sandstone lenses in a wave-dominated, tide-modulated siliciclastic system (Fezouata Fm, Lower Ordovician, Morocco)
15.00	T11b.04	S. Patranabis-Deb Origin and sequences of sedimentary structures of shelf macrotidal sandstone bars in the Neoproterozoic Kerur Formation of the Badami Group, Kaladgi Basin, India
15.15	T11b.05	M. Al-Hashim, P. Corcoran Sedimentology and geochemistry of the Paleoproterozoic shallow-marine Espanola Formation, Huronian Supergroup, Canada: Implications for deposition in a tectonically-controlled rift basin
15.30	T11b.06	T. Majumder, S. Patranabis-Deb, W. Nemec Palaeoproterozoic sedimentation in the Cuddapah Basin of southern India

Posters, afternoon coffee & wine

SESSION T01

Physical sedimentary processes | Convener: Jurand Wojewoda

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.30	T01.01	D. Moura, C. Veiga-Pires, S. Oliveira, J. Horta, A. Nascimento, A. Gomes, L. Guerra Hydro-sedimentary processes in a beach-headland system

16.45	T01.02	A. Sloomman, M. Cartigny, A. Moscarillo, M. Chiaradia, P. de Boer Tsunamis and major storms on Mediterranean cool-water carbonate ramps – The event beds of Favignana Island (Italy)
17.00	T01.03	Z. Remin What fossilized hailstone impression reveal about the dynamic of the Precambrian atmosphere
17.15	T01.04	Z. McKellar, A.J. Hartley, D. MacDonald Stratigraphic framework and sedimentation controls on deposition of the Lower Old Red Sandstone of the Midland Valley of Scotland and associated outliers
17.30	T01.05	P. Olchoway Stromatactis-like cavities from the Wielkanoc quarry (southern Poland) – experimental studies and implications to genesis of stromatactis

ROOM: GONDWANA

SESSION SS16

New insights into processes, architectures and geometries in basin-floor fans |

Conveners: Yvonne Spychala, Arnau Obradors Latre, Nigel Mountney

ORAL PRESENTATIONS

Time	ID	Authors and Presentation Title
11.15	SS16a.01	D. Stow Quantitative assessment of reservoir quality in thin-bedded turbidite facies

11.30	SS16a.02	F. Gamberi, M. Rovere, M. Marani, M. Dykstra Modern submarine canyon feeder-system and deep-sea fan facies in a tectonically active margin (northern Sicilian margin)
11.45	SS16a.03	Y. Spychala, D. Hodgson, S. Flint Aggradational lobe fringes in deepwater turbidite systems: The influence of subtle intrabasinal seabed topography on sediment gravity flow processes and stacking patterns
12.00	SS16a.04	E. Tripsanas, T. McKie, J. Eldrett, C. Davis, M. Vieira, P. Osterloff, T. Sandison Distribution of Sele Formation deep-marine depositional systems of the Central North Sea
12.15	SS16a.05	R. Teloni, M. Patacci, P. Haughton, J. Eggenhuisen, R. Butler, W. McCaffrey Interplay of turbidite and mass transport deposition in a deep-water setting: The Lower Cretaceous Britannia Sandstone Formation, UK North Sea
12.30	SS16a.06	A.O. Latre, P. Haughton, P. Shannon, A. Pulham, A. Lacchia, O. Martinsen Down-dip termination of the Carboniferous Ross Fan System in the Inner Shannon area, Western Ireland – new insight from core and outcrop
12.45	SS16a.07	M. O'Mara, D. Thompson, J. Stilwell, A. Coffa The role of high-resolution biostratigraphy in the delineation of reservoir architecture and the potential use of calcareous foraminifera in identifying system tracts
Lunch break		
14.15	SS16b.01	R. Burne The Ross and Bude formations – evidence for sub-sea fan deposits in an enclosed Carboniferous Basin

SESSION T19 + T21

Remote sensing, imaging and numerical modelling in sedimentology + Research frontiers in sedimentology | Conveners: Valeria Bianchi, William Helland-Hansen

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
14.30	T19+21KN	W. Helland-Hansen Deciphering Earth's natural hourglasses: Perspectives on source-to-sink analysis
15.00	T19+21a.01	E. Mrinjek, W. Nemec, V. Ćosović, I. Vlahović, G. Mikša Contrasting styles of sedimentation on the opposing limbs of blind-thrust synclinal troughs in an evolving orogenic wedge-top basin (Eocene Dinaric Foreland, Croatia)
15.15	T19+21a.02	P. Witek, L. Czechowski, K. Misiura Dynamical modeling of fluvial deposition processes on Earth and beyond
15.30	T19+21a.03	M. Blum Continental-scale paleodrainage and mixed bedrock-alluvial rivers of the Aptian McMurray Formation, eastern margins of the Alberta Foreland-Basin System

Posters, afternoon coffee & wine

16.30	T19+21b.01	V. Bianchi, J. Esterle, T. Salles Stratigraphic Forward Modelling on reservoir geometry of the Springbok Formation (Middle Jurassic): Prediction on the unexplored depocenter of Surat Basin (QLD, Australia)
16.45	T19+21b.02	S. Lin Lacustrine fine-grained sedimentary petrology research progress

17.00	T19+21b.03	P. Asmussen, O. Conrad, A. Guenther, M. Kirsch, U. Riller Semi-automatic segmentation of petrographic thin section images using a “seeded-region growing algorithm” with an application to characterize weathering of the Buntsandstein Formation, northern Germany
17.15	T19+21b.04	C. Liu, Q. Xie Controlling factors and reservoir model of contact metamorphic rocks in northern slope of Gaoyou sag in Subei Basin, eastern China
17.30	T19+21b.05	X. Geng, C. Lin, B. Wu Paleokarst system based on FMI facies analysis: A case study in the Yingshan Formation at the Tazhong uplift in the Tarim Basin, northwest China

ROOM: BALTICA

SESSION T15

Sequence stratigraphy: eustatic vs. tectonic control on sedimentation |

Conveners: Szczepan Porębski, Ronald Steel, Wang Ren

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T15a.01	A. Almojel, P. Razin, Y-M. Le Nindre Sedimentology and sequence stratigraphy of the Early and Middle Jurassic outcrops, Jabal Tuwayq, Saudi Arabia

11.30	T15a.02	R. Nádaskay, D. Uličný Genetic stratigraphy of Coniacian deltaic deposits of the northwestern part of the Bohemian Cretaceous Basin
11.45	T15a.03	S. Song, X. Zhu, F. Yu, J. Ge, Y. Shi, J. He The development of large-scale sand bodies within transfer zones in a deep water basin: A case study of the Changchang-Heshan Depression in South China Sea
12.00	T15a.04	J.N. Proust, C. Martillo, F. Michaud, J.Y. Collot, O. Dauteuil Margin sedimentary record of active deformation due to the subduction of topographic asperities (Carnegie Ridge, Manta-Plata area, central Ecuador)
12.15	T15a.05	R. Wang, W. Shi Configuration and it's control factors of sequence in the Lower Cretaceous, north Yellow Sea Basin
12.30	T15a.06	H. Jia, H. Ji Provenance and depositional system analysis of sediment routing system in Nanpu Sag, Bohai Bay Basin

Lunch break

Conveners: **Shuang Song, Joachim Szulc**

14.15	T15b.01	Y. Wang, Y. Ji, S. Zhou, Z. Huan Paleozoic and Mesozoic super sequences analysis in Lower Yangtze Plate: Implication of amalgamation of Lower Yangtze Plate with Cathaysia Plate
14.30	T15b.02	F. Berra Changes in architectural character of systems tract within stratigraphic sequences caused by varying sediment supply during a base-level cycle

14.45	T15b.03	G. Anastasakis, H. Drinia, D. Sakellariou Upper Quaternary seismic stratigraphy and sequence development in an ever evolving marginal basin: The North Evoikos Gulf, east-central Aegean Sea
-------	---------	--

SESSION T17

Sedimentary record of climate change | Conveners: Maria Herrero, Grzegorz Pieńkowski

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
15.00	T17a.01	S. Master, L. Bam, A. Mpoyi The oldest ice crystal casts, in the Neoproterozoic Luapula Beds, NW Zambia: Evidence for freezing temperatures in the aftermath of the Marinoan glaciation
15.15	T17a.02	T. Bechstädt, H. Jäger, G. Spencer, A. Rittersbacher, B. Schweisfurth, G. Werner, W. Buggisch, M. Joachimski, M. Boni The “Neoproterozoic climatic paradox” revisited: The Ghaub Fm. of the Otavi Mountain Land (northern Namibia)
15.30	T17a.03	J. Escavy, M.J. Herrero, B.C. Schreiber Salts as cool climate indicators in the geological record: Thenardite after mirabilite deposits from central Spain

Posters, afternoon coffee & wine

16.30	T17b.01	G. Pieńkowski, M. Hodbod, C. V. Ullmann Vegetation and temperature-related degradation of terrestrial organic matter during the Toarcian Oceanic Anoxic Event (Early Jurassic) recorded in marginal-marine shales in Poland
-------	---------	---

16.45	T17b.02	P. Brański, G. Pieńkowski, S. Hesselbo, R. Pointer Profound climatic perturbations at the Triassic–Jurassic boundary – a clay mineral and geochemical evidence from the continental mudrocks in Poland
17.00	T17b.03	K. Mianowicz, M. Latałowa, A. Pędziszewska, B. Cedro, R.K. Borówka The response of limnic and swampy ecosystems to the Holocene abrupt climate changes recorded in the sediments from two river valleys in NW Poland, Baltic Sea area
17.15	T17b.04	M. Roner, A. D’Alpaos, M. Ghinassi, L. Brivio, M. Fedi, L.G. Bellucci, L. Vigliotti, E. Franceschinis, N. Realdon Signatures of the past in tidal environments: insights from the Southern Venice Lagoon (Italy)
17.30	T17b.05	T. Weiner, J. Kalvoda Stratigraphic and sedimentary record of the <i>Annulata</i> events in the southern part of the Moravian Karst (mid-Famennian, Czech Republic)

ROOM: TETHYS

SESSION T05

Economic sedimentology | Conveners: Sharon Tiainen, Avraam Zelilidis

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T05a.01	Z. Yang, J. Zeng, K. Guo, X. Feng Source reservoir assemblage of tight oil and their influences on oil accumulation – case study from the Chang 7 Formation in the Upper Triassic, southwestern Ordos Basin, China
11.30	T05a.02	Q. Li, S. Shao Characteristics of tight gas reservoir in the Upper Triassic Sichuan Basin, Western China
11.45	T05a.03	L. Xinping Oil shale in the southeastern Russian Platform
12.00	T05a.04	A. Kwasniewski, P. Werner, J.M. Kluska Hydrocarbon exploration in volcanic systems: Evaluation of reservoir potential
12.15	T05a.05	C. Viseras, S. Henares, J. Fernandez, L.M. Yeste, S. Pla-Pueyo, M.L. Calvache Towards 3D reservoir modeling of outcrop analogs through integrated outcrop/behind outcrop characterization. A Triassic example
12.30	T05a.06	E. Várkonyi, K. Milota Thermal history and hydrocarbon migration modeling in 2D, in an uplifted, compressional area
12.45	T05a.07	A. Zelilidis, A. Maravelis, P. Tserolas, P. Konstantopoulos An overview of the petroleum systems in the Ionian Zone, onshore Greece

13.15–14.15 – Publish with IAS – Open meeting for authors of IAS Journals. Please, collect your lunch and come!

SESSION T05

Economic sedimentology | Conveners: Sharon Tiainen, Avraam Zelilidis

14.30	T05b.01	U. Burger The geology of the Elizabeth Bay aeolian diamond placer in the Sperrgebiet, Namibia
14.45	T05b.02	C. Cubitt, S. Tiainen, G. Thuerschmid How to upscale detailed sedimentological analysis for use in static and dynamic modeling: Examples from clastic and mixed carbonate/clastic depositional systems
15.00	T05b.03	S. Tiainen Determination of permeability and porosity from drill cuttings using the rock typing technique – an example from onshore Tunisia

Posters, afternoon coffee & wine

SESSION SS08

Triassic to Jurassic depositional systems in the north-western Tethyan realm: A basinal perspective |

Conveners: Fabrizio Berra, Tetsuji Onoue, Sigrid Missoni

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.30	SS08.01	Y. Zhanlong, Y. Huang, W. Qingpeng Key points analysis of using seismic data to study sedimentary system in terrestrial lacustrine rift basins

16.45	SS08.02	A. Breda, N. Preto, J. Dal Corso, C. Spötl, M. Caggiati, P. Gianolla Peritidal carbonate platform onset and widening: Sedimentological and isotopic evidences (Dolomia Principale, Upper Triassic)
17.00	SS08.03	I. Lazăr, M. Krobicki, M. Grădinaru, M.E. Popa Sedimentological record of the Jurassic–earliest Cretaceous history of the Moesian plate passive margin (Danubian units, Romanian Carpathians)
17.15	SS08.04	S. Missoni, H-J. Gawlick, A. Bechtel, I.I. Bucur, R. Gratzner, W. Prochaska A Late Triassic fore reef evolution of the Dachstein platform (Berchtesgaden, Germany) – tectonostratigraphic and geochemical aspects

ROOM: IAPETUS

SESSION T03

Chemical sedimentary processes and diagenesis | Conveners: Thilo Bechstädt, Andrea Mindszenty, Abby Smith

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
11.15	T03a.01	P. Huerta, R. Martín-García, Á. Rodríguez-Berriguete, Á. La Iglesia Fernández, A. Martín-Pérez, A.M. Alonso-Zarza Gypsum speleothems in lava tubes from Lanzarote, Canary Islands. Did you say gypsum?
11.30	T03a.02	R. Newport, C. Hollis, M. Segura, S. Bodin, J. Redfern The interaction of eustasy, climate and tectonics controlling early dolomitisation of shallow marine Cenomanian strata of the Iberian Peninsula

11.45	T03a.03	R. Aubrecht, T. Lánzos Duricrust origin of South American table mountains (tepui): Evidence from field and experimental data
12.00	T03a.04	A. Smith A giant antacid? Carbonate saturometry in interstitial waters
12.15	T03a.05	J. Therkelsen Implications of magmatism on diagenesis and reservoir properties of Middle Jurassic sandstones, Traillø, east Greenland
12.30	T03a.06	J. Griffiths, R.H. Worden, L. Wooldridge, R. Duller, J. Utley Predicting clay mineralogy distribution in deeply buried sandstone reservoirs using a modern estuarine analogue approach
12.45	T03a.07	L. Wooldridge, R.H. Worden, J. Utley, J. Griffiths, R. Duller Sandstone reservoir quality: Understanding the fundamental processes governing the origin and distribution of clay-coated sand grains in petroleum reservoirs through a modern day analogue

Lunch break

14.15	T3b.01	C. Zhou, Z. Gao, J. Zhang, J. Feng The effects of diagenetic clay minerals on deeply buried reservoir sandstones using combined petrography and EBSD analysis
-------	--------	---

Posters, afternoon coffee & wine

SESSION SS03

Recent advances in vent carbonates and mud mounds | Convener: Zdzisław Bełka

ORAL PRESENTATIONS		
Time	ID	Authors and Presentation Title
16.30	SS03.01	Z. Bełka, B. Berkowski, M. Jakubowicz, J. Dopieralska, S. Skompski, R. Feist Life of the dead mounds: an example from the Devonian mud mounds of Hamar Laghdad (Morocco)
16.45	SS03.02	M. Jakubowicz, J. Dopieralska, Z. Bełka Applicability of Nd isotopes and rare earth elements in studies of fossil seep carbonates: An example of the Hollard Mound (Middle Devonian, Morocco)
17.00	SS03.03	J-P. Blouet, A. Foubert, P. Imbert Paragenetic sequence in seep carbonates records cyclic gas migrations through sandstone dykes – Panoche Hills, California
17.15	SS03.04	M. Bojanowski, B. Bagiński, I. Franchi, C. Guillermer NanoSIMS C and O isotope analysis of hydrate-associated Oligocene carbonates: Challenging the conventional approach to authigenic carbonates

Thursday 25.06.2015

ROOM: PANTHALASSA, Poster Session (10.30–11.15; 15.45–16.30)**SESSION SS02***Sedimentology and geobiology of carbonate build-ups*

Presentation ID	Authors and Presentation Title
PS3.SS02.01	A. Di Capua, G. Coletti, G. Vezzoli What killed the Tertiary Southalpine carbonate platform?
PS3.SS02.02	C. Argentino, A.C. Salocchi, D. Fontana, C. Grillenzoni A quantitative compositional approach to the study of a Miocene carbonate shelf in the northern Apennines
PS3.SS02.03	M. Hodges, G. Stanley, C. González-León Determining depositional age of an Early Jurassic reef in the El Antimonio Group of Sonora, Mexico, and the implications for coral recovery after the end-Triassic mass extinction
PS3.SS02.04	M.J. Munawar, C. Lin, D. Chunmei, C. Ma, M.A. Zahid Microfacies analysis, paleontology and biostratigraphy of Paleocene Lockhart Limestone from Pail Area, Central Salt Rang, Pakistan
PS3.SS02.05	V.A. Bracchi, D. Basso, R. Nalin Spatial heterogeneity in a Pleistocene example of infralittoral Coralligenous (<i>De Plateau?</i>), Le Castella, southern Italy
PS3.SS02.06	J. Titschack, D. Baum Ambient occlusion – a powerful algorithm to segment skeletal intrapores and gastral cavities in dendrophyllid cold-water corals

SESSION SS03

Recent advances in vent carbonates and mud mounds

Presentation ID	Authors and Presentation Title
PS3.SS03.01	T. Adatte, F. Corminboeuf, J.E. Spangenberg Origin of Devonian conical mud mounds of Hamar Lakhdad Ridge, Anti-Atlas, Morocco: Hydrothermal or hydrocarbon venting?
PS3.SS03.02	S. Donnici, L. Tosi, A. Bergamasco, C. Da Lio, F. Franchi, C. Mazzoli, P. Montagna, M. Taviani Stratigraphy, fluids and ecology: The genesis of bio-concretionned rocky outcrops (tegnùe) of the northern Adriatic shelf

SESSION SS08

Triassic to Jurassic depositional systems in the north-western Tethyan realm: A basinal perspective

Presentation ID	Authors and Presentation Title
PS3.SS08.01	A. Cipriani, I. Paparella, S. Roncacè, E. Maxwell, M.W. Caldwell First occurrence of an ophthalmosaurid ichthyosaur in the Upper Jurassic of the Northern Apennines (Marche, Central Italy): Stratigraphic setting
PS3.SS08.02	A. Cipriani, M. Santantonio Early Cretaceous vs. Early Jurassic tectonics: Role of inherited structures in the post-rift evolution
PS3.SS08.03	F. Jadoul, G. Della Porta, A. Lanfranchi, F. Felletti, M. Marini Detachments and mass transports along low-angle slopes: The onset of the Tithonian carbonate ramp progradation along the eastern Sardinia Jurassic passive margin (Italy)

PS3.SS08.04	I. Schöllhorn, K.B. Föllmi, T. Adatte Sedimentological, climatic and environmental changes during the early Jurassic (Hettangian-Pliensbachian) on the northern Tethys margin (Switzerland)
PS3.SS08.05	B. Rožič, L. Gale, P. Oprčkal, A. Švara, J. Udovč, T. Popit, M. Vrabec, A. Šmuc Middle Jurassic platform margin collapse recorded in succession of the Slovenian Basin
PS3.SS08.06	T. Onoue, H. Shirozu, J. Michalík, D. Yamashita, S. Kusaka Carbon and oxygen isotope record from the Rhaetian interval at the Kardolína section, Slovakia
PS3.SS08.07	A. Fantasia, K.B. Föllmi, T. Adatte, J.E. Spangenberg, J-C. Montero-Serrano A sedimentological and geochemical analysis of Lower Toarcian sediments across a Swiss transect: Evaluating the impact of the Toarcian Anoxic Event
PS3.SS08.08	S. Missoni, H-J. Gawlick, T. Onoue, W. Prochaska Presence of rare earth metals in Late Triassic Hallstatt Limestones, Northern Calcareous Alps (Austria, Germany)
PS3.SS08.09	H-J. Gawlick, S. Missoni, R. Aubrecht, F. Schlagintweit, D. Plasienka Ophiolitic detritus in Kimmeridgian calcareous basin sediments: Ophiolite obduction as cause for the Middle to Late Jurassic tectonic processes in the Northern Calcareous Alps (Austria)

SESSION T01*Physical sedimentary processes*

Presentation ID	Authors and Presentation Title
PS3.T01.01	J. Rotnicka, J. Zięciak Vertical distribution of grain size within sandy cloud transported by wind

PS3.T01.02	H. Song, Y. Ji Evolution of reservoir property in different geological conditions – a case study in Dongying Depression of China by using physical simulation methods
PS3.T01.03	S. Xiao, X. Pang, J. Peng, H. Jiang Effective hydrocarbon reservoir affected by sedimentation and diagenesis in Huizhou25 Sag, Zhu I Depression, South China Sea
PS3.T01.04	E. Franzinelli Evolution of the modern sediments of the Amazon River System (Amazonia, Brazil)
PS3.T01.05	L. Li, Y. Ji, F. Huang, J. Liu, H. Song Integrated provenance analysis of fluvial sandstones from the Middle Jurassic Shaximiao Formation in western Sichuan Depression, China
PS3.T01.06	V. Silva, A. Torres Jr, F. Dias, R. Soares, J. Guerra Preliminary assessment of particulate matter magnitude mobilized by mechanical effects on the estuary complex of São Marcos, Maranhão, NE of Brazil

SESSION T03

Chemical sedimentary processes and diagenesis

Presentation ID	Authors and Presentation Title
PS3.T03.01	S. Omodeo-Salé, I. Suárez-Ruiz, J. Arribas, R. Mas, M.J. Herrero, L. Martinez Petrography and geochemistry of organic matter from a paleo-petroleum system (Camereros Basin, Central Spain)
PS3.T03.02	L. Caracciolo, S. Henares, S. Hoffmann, C. Viseras, D. Riley, T. Pearce Combined chemostratigraphy and High Resolution Sandstone Petrography (HRSP) for enhanced fluvial siliciclastic reservoir quality

PS3.T03.03	C. Jinggang, S. Wu, Z. Gao Diagenetic physical modelling on organic-rich shale porosity evolution
PS3.T03.04	D. Zhong, H. Sun, Q. Guo Hydrothermal dolostones of Lower Cretaceous Tengeer Formation in Baiyinchagan Depression, Erlian Basin, China
PS3.T03.05	J.I. Escay, M.J. Herrero, J. Arribas Brine dilution-concentration cycles in a continental gypsum sequence: Mineralogical and textural results
PS3.T03.06	A. Afify, M.E. Sanz-Montero, J.P. Calvo Cherty ironstone hosted in Eocene marine carbonates: Tectonic and sedimentological controls on iron and silica formation
PS3.T03.07	L. Zhang, H. Ji, L. Chen Impact of subsidence process on secondary porosity development: A case study of Nanpu Sag, Bohai Bay Basin
PS3.T03.08	J. Therkelsen Contact metamorphism and diagenesis of Middle Jurassic coarse-grained fluvial sandstones and its impact on reservoir quality, Traillø, East Greenland
PS3.T03.09	I. Armenteros, P. Huerta, M.Á. Bustillo Contrasting carbonate-gypsiferous facies along the lacustrine-playa lake system of the Deza Formation (upper Eocene, Almazán basin, central Spain)
PS3.T03.10	Y. Mao, D. Zhong Characteristics and genetic mechanism of Cretaceous Bashijiqike tight sandstones in the Kuqa foreland thrust belts, Tarim Basin, China

PS3.T03.11	C. Gao, Y. Ji, R. Ying Multi-factor analysis in physical property preservation mechanism of Early Jurassic San Gonghe Formation deep buried clastic reservoir, central of Junggar Basin, China
PS3.T03.12	K. Sozeri, B. Varol, E. Tekin, E.I. Herece, I. Gundogan, Y. Buyukmeric, F. Akgun, S. Sen, M. Görmüş, B. Goksu Petrographic, mineralogic and geochemical properties of Yeniceoba-Cihanbeyli Tertiary basin-fill deposits
PS3.T03.13	T. Rychliński, P. Jaglarz, A. Uchman, J. Vainorius Genesis of the halite crystal casts and accompanying deformation structures: A case study from the Frasnian Stipinai Fm. (Main Devonian Field, northern Lithuania)
PS3.T03.14	M. Babel, D. Ługowski, A. Yatsyshyn, D. Olszewska-Nejbert, K. Nejbert, A. Bogucki, J. Kotowski, O. Tomeniuk Gypsum tumuli in the karst areas of western Ukraine
PS3.T03.15	M. Babel, D. Ługowski, K. Nejbert, D. Olszewska-Nejbert, M. Krawczyk, J. Kotowski, I. Szczepańska, A. Yatsyshyn, A. Bogucki, B. Mukha, A. Bermes, J. Janowski, M. Bura Rapid growth of hydration caves in the weathering anhydrite rocks, Pisky quarry, Ukraine
PS3.T03.16	Y. Wang, Y. Ji, L. Jia, L. Liu Principle of fluids migration priority in diagenetic evolution process and its control of tight sandstone reservoir quality of Elf1 in Gaoyou Sag, east China
PS3.T03.17	Y. Mao, A. Wang Controls of eustatic movement on the Cambrian Longwangmiao Grain Bank reservoir in eastern Sichuan Basin, China
PS3.T03.18	E.M. Guimarães Glauconite genesis from Corumbataí Formation (Goiás State, Brazil)

PS3.T03.19	N. Christ, E. Kutschera, S. Maerz, M. Mutti Geochemical expression of subaerial exposure from the marginal deposits of an ancient closed lacustrine system – the Miocene Ries Crater Lake (Germany)
------------	---

SESSION T05*Economic sedimentology*

Presentation ID	Authors and Presentation Title
PS3.T05.01	S. Mao, Z. Bao, J. Li, Z. Huang Sedimentary characteristics and types of reservoir in Kelimoli Formation, Tianhuan North, Ordos Basin
PS3.T05.02	Z. Yang, J. Zeng, X. Feng Multiscale heterogeneity of tight sandstone reservoirs and their influences on tight oil accumulation – in the Chang 6 Formation in the Upper Triassic, Southwestern Ordos Basin, China
PS3.T05.03	M. Tropeano, V. Festa, G. Teofilo, L. Sabato, L. Spalluto The Tremiti salt structure in the Adriatic Sea (Gargano offshore, Apulia, southern Italy)
PS3.T05.04	V. Nxumalo, J. Kramers, C. Vorster, B. Cairncross Uranium in the coal zones of the Springbok Flats Basin, south Africa
PS3.T05.05	A. Fernández-Mort, R. Riquelme, A. Alonso-Zarza, E. Campos, M. Tapia Exotic Cu-ore deposits related to continental carbonates in arid environments: An example from El Tesoro Basin, Atacama Desert, northern Chile
PS3.T05.06	P. Słomski, J. Szczepański, M. Lutyński, M.A. González González, K. Komorowska, R. Kubik, K. Spunda, T. Topór, A. Derkowski Multiscale and multidimensional petrographic, microstructural and sorption capacity characterization of selected Early Palaeozoic shales from the Baltic Basin: Sasin, Pasłęk and Pelplin Formations – preliminary results

PS3.T05.07	R. Wang, J. Hou, Y. Liu Multiple-point statistics approach for architecture analysis on hydrocarbon reservoirs: Field case study on Miocene braided-fluvial sand stones from Gudao Oilfield, Shandong, China
------------	--

SESSION T07

Alluvial, colluvial and lacustrine depositional systems

Presentation ID	Authors and Presentation Title
PS3.T07.01	Z. Gao, C. Zhou, B. Bai The distributary channel and lake play a role in the growth process of shallow water delta – Poyang river delta as an example
PS3.T07.02	L. Kong, Z. Xu, L. Xiaonan Braided river reservoir architecture research progress
PS3.T07.03	X. Niu, S. Luo, L. Xu, S. Feng, S. Li, Q. Lv, J. Xiang, W. Long Genetic mechanism of fine sedimentary rocks in Chang 7 Oil Group of Ordos Basin
PS3.T07.04	J. Fu, S. Luo, Q. Lv, L. Xu, S. Li, S. Feng, J. Xiang, C. Gong Distribution and main control factors of fine sedimentary rocks in Chang 7 Oil Group of Ordos Basin
PS3.T07.05	S. Luo, Q. Lv, J. Xiang, C. Gong, X. Niu, S. Feng, S. Li, W. Long Types and distribution of fine sedimentary rocks in Chang 7 Oil Group of Ordos Basin
PS3.T07.06	L. Ezquerro, A. Luzón, C. Liesa, J.L. Simón A Miocene delta body developed in a shallow saline lake: The control of the tectonic activity on the stratigraphic architecture (Teruel Basin, Spain)
PS3.T07.07	T. Brachert, S. Krüger, F. Schleiffer, O. Wardeck Channel and sediment dynamics of the Mulde river in historical times (Germany): First results

PS3.T07.08	L. Wang, B. Xian, L. Zhiyong, L. Jianping, L. Yuzhi, Z. Yongfei, H. Fanghao Sedimentary characteristics of debrite-dominated turbidite system fed by delta front of Shahejie Formation in Dongying Sag, Bohai Bay Basin, east China
PS3.T07.09	D. Yue The discussion on the classification and architecture model of braided river
PS3.T07.10	V. Fondevilla, O. Oms, A. Blanco Sedimentology of two new dinosaur sites from the Maastrichtian Tremp Fm (south Pyrenean area, eastern Iberia)
PS3.T07.11	L. Sabato, S. Longhitano, M. Tropeano, M. Murru, G. Carannante, L. Simone, M. Vigorito Features of syntectonic continental sedimentation along the north-eastern margin of the Oligo-Miocene Sardinian-Rift (back arc) Basin (Italy)
PS3.T07.12	G. Cornamusini, M. Perotti, S. Sandroni, F.M. Talarico The Permian–Triassic continental succession at Allan Hills recording a fluvial-reworked fossil forest (Southern Victoria Land, Transantarctic Mountains, Antarctica)
PS3.T07.13	N. Ahmadi, S. Nemati, S. Maleki Estimate of sediments, erosion potential and structure discontinuities in Masal basin and sub basins, Anzali, Iran
PS3.T07.14	S. Andrews, J. Moreau, S. Archer Devonian lacustrine shore zone architecture imaged with ground penetrating radar
PS3.T07.15	M. Ghinassi, A. Ielpi Downstream-migrating fluvial point bars: Architecture and morphodynamics from the Jurassic Scalby Formation of Yorkshire (UK)

PS3.T07.16	B. Varol, E. Tekin, E.I. Herece, I. Gundogan, K. Sozeri, Y. Buyukmeric, F. Akgun, S. Sen, M. Görmüş, I. Cemen Cihanbeyli-Yeniceoba Basin, Central Anatolia, Turkey: Its sedimentary environments, basinal architecture, and structural relationship with Tuzgölü and Haymana Basins
PS3.T07.17	C. Gao, Y. Ji, R. Ying Facies and depositional processes of braided river in Lowstand Valley: Early Cretaceous Qingshuihe Formation in Shinan Oilfield, hinterland of Junggar Basin, China
PS3.T07.18	C. Gao, Y. Ji, R. Ying Qualitative and quantitative method in recovery of Jurassic prototype basin's original sedimentary system and basin boundary in southern piedmont thrust belt of Junggar Basin
PS3.T07.19	B. Varol, E. Tekin, E.I. Herece, I. Gundogan, K. Sozeri, Y. Buyukmeric, F. Akgun, S. Sen, M. Görmüş, M. Us Gypsum conglomerate and its environmental implication: an example of Cihanbeyli-Yeniceoba Tertiary Basin, Central Anatolian
PS3.T07.20	G. Botfalvai, A. Mindszenty, J. Haas, E. Bodor, A. Ősi Facies architecture and palaeoenvironment implications of the Upper Cretaceous (Santonian) Csehbánya Formation at the Iharkút vertebrate locality (Bakony Mts, northwestern Hungary)
PS3.T07.21	V. Bianchi, J. Esterle, D. Pistellato, M. Klawitter, S. Pretorius Facies analysis and 3D photogrammetry in Surat Basin (QLD, Australia): New outcrop insights of the Precipice Sandstone (Lower Jurassic)
PS3.T07.22	A.H. Jalilian Base-level changes as a major control on sedimentation of the Neogene molasse deposits of the Zagros Basin, SW Iran
PS3.T07.23	C. Li, J. Hou, Y. Li Reservoir architecture analysis of fan-delta front in Wangguantun Oilfield

PS3.T07.24	L. Zhang, Z. Bao, S. Wu, J. Zhang Sedimentary evolution of long-term base level cycle in Karamay Formation in Triassic, Huwan District, Junggar Basin, China
PS3.T07.25	S. Budai, K. Sebe, G. Nagy, I. Magyar, O. Sztanó Paleoenvironmental reconstruction of a Pannonian (Late Miocene) sedimentary sequence in the Eastern Mecsek Mountains, southern Hungary
PS3.T07.26	M. Huang, S. Wu Research on the flow units of braided river reservoirs: a case study of Bentiu1 Sand Group in Fula North Oilfield of Sudan
PS3.T07.27	Z. Yang, J. Zeng Micro-nano pore network system and the characteristic of tight oil accumulation – in the Yan Chang Formation in the Upper Triassic, Ordos Basin, China

SESSION T11*Shallow-marine depositional systems*

Presentation ID	Authors and Presentation Title
PS3.T11.01	C. Zhang, J. Pan Evolution of shelf-margin and foreset during the Early Miocene in the north slope of Baiyun Sag, Pearl River Mouth Basin, South China Sea
PS3.T11.02	K. Zhang The study of biostratigraphy in Sudan Redsea Block-15
PS3.T11.03	T. Li The sedimentation dynamic processes and origin of shelf fine-grained deposits in the Yellow and East China Seas

PS3.T11.04	M. Vetseva, Y. Stefanov, A. Chatalov Proximal storm deposits in tidal environments: An example from the Cenomanian successions in eastern Bulgaria
PS3.T11.05	R.K. Borówka, K. Mianowicz, A. Skowronek, A. Osadczuk Holocene lagoonal sedimentation under conditions of constant water level rise of the non-tidal sea as recorded in the deposits from the Szczecin Lagoon, NW Poland
PS3.T11.06	B. Gościmski, Z. Remin Primary dolomite sedimentation and new undiscovered Upper Jurassic lithological units in the Rachów Anticline, central Poland and their paleogeographic significance
PS3.T11.07	Z. Remin, M. Cyglicki, M. Cybula, J. Roszkowska-Remin Deep versus shallow? Deltaically influenced sedimentation and new transport directions – case study from the Upper Campanian of the Roztocze Hills, SE Poland
PS3.T11.08	D. Telesca, S. Longhitano, M. Pistis, M.M. Comisso, M. Tropeano, L. Sabato Sedimentology of lower Miocene tidal cross-stratified sandbodies in the central Sardinia: An outcrop analogue for the upper Jurassic Rogn Fm in the Norwegian Sea
PS3.T11.09	O. Vasquez, R. Esperante Sedimentary facies of a transgressive sequence in the Pisco formation (middle Miocene–lower Pliocene), Peru
PS3.T11.10	A. Szydło, M. Jugowiec-Nazarkiewicz, L. Jankowski, B. Słodkowska, P. Nescieruk Response of micro- and nanofossils to facies changes on northern Tethyan shelves during the Cretaceous–Paleogene transition (Silesian–Subsilesian zone, Polish Outer Carpathians)
PS3.T11.11	A. Szydło, M. Jugowiec-Nazarkiewicz, L. Jankowski Remarks on sedimentation and tectonic deformation from Cretaceous to Paleogene in the Polish part of the Pieniny Klippen Belt (Złotne unit): Micropalaeontological and geological data from breccias at Zaskale

PS3.T11.12	H. Drinia, G. Anastasakis, A. Antonarakou, K. Konstantopoulos Late Quaternary palaeoenvironmental evolution of the southern Evoikos Basin, Aegean Sea as deduced from palaeontological and sedimentological data
PS3.T11.13	E. Săsăran, L. Săsăran, C. Ungur Distributions of <i>Plagiocyclus</i> rudist bivalves in the siliciclastic-carbonate Late Cretaceous shallow marine deposits of the Apuseni Mountains
PS3.T11.14	A. Matoshko, A. Matoshko, A. de Leeuw A large fluvio-deltaic system evidencing the final stages of the Paratethys evolution at the East Carpathian foreland
PS3.T11.15	Y. Jing, S. Wu, Q. Wu Refined architectural analysis on subsurface reservoirs of delta front: A case study on Lower Cretaceous reservoir in North Buzachi Oilfield
PS3.T11.16	S. Tomas, G. Frijia, E. Boemelburg, M. Mutti Evidences of seagrass meadows and paleoenvironmental changes in the early Eocene carbonate platform of N Oman: A sedimentological, paleontological and taphonomic study
PS3.T11.17	E. Jarochovska, A. Munnecke Carbonate high-energy deposits of potential tsunami origin from the Silurian of Ukraine: Distinguishing lateral redeposition and time averaging using carbon isotope chemostratigraphy
PS3.T11.18	A. Jazowska, M. Stachacz Paleoecological analysis of regressive, detrital Sarmatian deposits between Busko-Zdrój and Chmielnik (northern part of the Carpathian Foredeep, central Poland)
PS3.T11.19	S. Garcia-Gil, N. Martínez-Carreño, V. Cartelle, C. Muñoz Sobrino, I. García Moreiras New seismic sequence stratigraphy in the Ría de Vigo (NW Spain)

PS3.T11.20	K. Filipiak Foraminifera from nearshore to offshore middle Miocene mudstones from Bęczyn (Carpathian Foredeep, Poland)
------------	--

SESSION T15

Sequence stratigraphy: Eustatic vs. tectonic control on sedimentation

Presentation ID	Authors and Presentation Title
PS3.T15.01	L. Menzies, D. MacDonald Sequence stratigraphy and sedimentary architecture of the Palaeozoic intracontinental Parnaíba Basin, NE Brazil
PS3.T15.02	J. Li, J. Zhang, S. Liu Sequence stratigraphy of the Dengloulou Formation in the Changling Depression, Songliang Basin, China
PS3.T15.03	P-J. Su, A.T. Lin, J-C. Hu Upper Pleistocene to Holocene sequence stratigraphy of a sea-connected inland collapse basin: The Taipei Basin, Taiwan
PS3.T15.04	L. Jianping, B. Xian, W. Lu, A. Siqi Sequence architecture and depositional models of Eocene lacustrine basin fills in the Dongying Depression, Bohai Bay Basin, Eastern China
PS3.T15.05	A. Zelilidis, M. Triantaphyllou, S. Kostopoulou, C. Mpotziolis, A. Maravelis Biostratigraphy of Upper Miocene–Lower Pliocene sediments in the Hellenic Fold and Thrust Belt, Zakynthos Island, Ionian Sea, western Greece

PS3.T15.06	J. Song, Z. Bao, X. Zhao Sequence stratigraphy characteristics of Carboniferous–Permian in Beishan and its surrounding areas, across Inner Mongolia Autonomous region, Gansu province and Xinjiang Autonomous region
PS3.T15.07	S. Liu, J. Zhang, J. Li Base level changes during Paleocene in Lishui Sag, East China Sea basin chronology of fluctuating base level during Paleocene in Lishui Sag, East China Sea Basin
PS3.T15.08	Q. Xia, S. Wu, W. Feng Sedimentary facies difference controlled by segmented activity of syndimentary reverse fault
PS3.T15.09	L. Chang, Z. Qin Sequence stratigraphic framework and development model of the Cretaceous in Northeast Block, Oriente Basin, Ecuador
PS3.T15.10	J. Elez, M. Fregenal, M.B. Munoz-Garcia, R. de La Horra Stratigraphic architecture of rift-related continental basins at the onset of stretching: Examples from the syn-rift Upper Barremian of the Southwestern Iberian Basin, east-central Spain
PS3.T15.11	H. Cao, S. Jin, H. Wang The control of paleogeomorphology to sedimentary filling process in Jurassic of the Yabulai Basin, NW China
PS3.T15.12	H. Jia, H. Ji Tectonics-palaeogeomorphology in rift basins: Controlling effect on the sequence architecture
PS3.T15.13	K. Deng, Z. Bao, Z. Tian, Y. Wu, J. Song Tectonic and sedimentary characteristics of the Cuu Long Basin, South Vietnam
PS3.T15.14	G. Kontogonis, G. Anastasakis, H. Drinia Seismic stratigraphy and sedimentary evolution of the SW Cyclades plateau

PS3.T15.15	Z. Nowrouzi, A. Mahboubi, R. Moussavi-Harami, M.H. Mahmudy Gharai Gondwana tectonic event roll on the sequence stratigraphy patterns of Silurian deposits of Iran
PS3.T15.16	N. Ahmadi, M.H. Adabi, A. Salehi Sequence stratigraphy, reservoir quality and sedimentary environment of the Upper Dalan and Kangan formations, Persian Gulf Basin, Iran
PS3.T15.17	C. Lin Sequence architecture and depositional evolution of the northwestern continental margin of the South China Sea

SESSION T17

Sedimentary record of climate change

Presentation ID	Authors and Presentation Title
PS3.T17.01	C. Muñoz Sobrino, I. García Moreiras, N. Martínez-Carreño, V. Cartelle Alvarez, T. Lado Insua, C. Fernández Rodríguez, S. Garcia-Gil The modern dynamics of a coastal lagoon reconstructed through multiproxy analyses on nearby shallow marine sediments
PS3.T17.02	M. Lawręc, M. Szymczak-Żyła, G. Kowalewska Carotenoids in recent sediments of the Gulf of Gdańsk (Baltic Sea)
PS3.T17.03	L. Colombera, N.P. Mountney, P. Plink-Björklund, O.J. Arévalo, W. McCaffrey Climate change and geomorphic evolution: insights from meta-analysis of the sedimentary architecture of fluvial systems across the Paleocene–Eocene boundary
PS3.T17.04	W. Nahm Holocene sediments of the Songjiho lagoon on the eastern coast of Korea

PS3.T17.05	M. Szymczak-Żyła, G. Kowalewska, G.D. Breedveld Chloropigments in deep marine sediments as proxies of climate change-driven eutrophication
PS3.T17.06	L. Fang, S. Hesselbo, Y. Lu, S. Deng Terrestrial biological turnovers and atmospheric carbon-isotope stratigraphy across the Triassic–Jurassic boundary, Tarim Basin, NW China

SESSION T19 + T21

Remote sensing, imaging and numerical modelling in sedimentology + Research frontiers in sedimentology

Presentation ID	Authors and Presentation Title
PS3.T19T21.01	S. Rosing, C.J. Bjerrum, C.K. Harris, K. Anderskov Processes controlling chalk deposition in the Cretaceous North Sea: A numerical modeling study
PS3.T19T21.02	K. Kiss, B. Bradák, M. Gede, G. Nagy, Z. Ungvári, J. Szeberényi, Z. Szalai Investigation on geomorphological and morphostratigraphical levels according to joint of sediment mapping and 3D laser scanning methods on the example of Béke Cave, Hungary
PS3.T19T21.03	A. Cipriani, P. Citton, S. Fabbi, M. Romano Preserving and communicating unique depositional geometries through photogrammetric techniques: The Agolla case study (Umbria-Marche Apennines)
PS3.T19T21.04	S. Giacomelli, A. Amorosi, M. Bini, A. Civa, A. Ciampalini, M. Pappalardo, A. Ribolini, V. Rossi, G. Sarti, M. Sgavetti Holocene paleo-hydrographic and landscape evolution of the Pisa coastal plain (Tuscany, Italy) integrating remote sensing and high-resolution stratigraphic data

PS3.T19T21.05	G. Chen, Z. Yin, Z. Ji, J. Li, J. Chen Integrated characterization and modelling of the fluvial reservoir architecture, Shihezi Formation, Sulige Gas Field, Ordos Basin, North China
PS3.T19T21.06	X. Liu The principle and method to enhance geological constraint by inserting virtual wells in facies controlling stochastic reservoir modeling
PS3.T19T21.07	J. Li, Q. Xie Tight oil reservoir quantitative classification study based on gray correlation analysis method
PS3.T19T21.08	J. Zhao, H. Xu Analysis of alluvial fan reservoir quality difference based on rock facies and sedimentary microfacies: A case study from Baikouquan formation, Bai 21 well area, Karamay oilfield in Junggar Basin

Photo on the cover by **Paweł Krzan**
Maps drawn by **Tomasz Rychliński**
Designed and typeset by **Pracownia Kreatywna Bezliku**
Printed by **DELTA J.A. Jagła**

THE ORGANIZING COMMITTEE WOULD LIKE TO ACKNOWLEDGE THE GENEROUS SUPPORT
OF OUR SPONSORS, PATRONS, PARTNERS AND EXHIBITORS

PLATINUM SPONSOR



SILVER PARTNER



USB FLASH-DRIVE SPONSOR



PATRON



SILVER SPONSOR



WRITING-PAD & WRITING-PEN SPONSOR



EXHIBITORS



LANYARD SPONSOR



