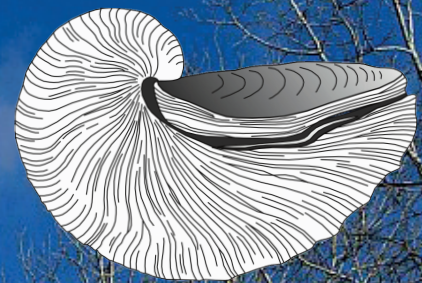


JURASSICA XIV CONFERENCE & WORKSHOP OF THE ICS BERRIASIAN GROUP

June 10th–14th, 2019

Science Park of the Comenius University in Bratislava, Slovakia

Programme



PROGRAMME AND LIST OF LECTURES

Monday, June 10th

- Afternoon registration
19.00 Conference dinner

Tuesday, June 11th

Opening session

- 9.00 – 9.10 **Ján Madarás**, director of the Earth Science Institute, Slovak Academy of Sciences
9.10 – 9.20 **Roman Aubrecht**, professor at Department of Geology and Paleontology, Faculty of Natural Sciences, Comenius University in Bratislava
9.20 – 9.30 **Grzegorz Pieńkowski**: Andrzej Wierzbowski – 60 years of scientific research in Jurassic geology

Morning session

Chairman: Jacek Grabowski

- 9.30 – 10.00 **Keynote: Andrzej Wierzbowski**: Kimmeridgian Stage: its boundaries, subdivision, palaeobiogeography, and stratigraphical correlations in Europe
10.00 – 10.20 **Grzegorz Pieńkowski, Stephen Hesselbo, Maria Barbacka and Melanie Leng**: A relationship between carbon-isotopes and soil carbon – a tool for temperature estimates in the Rhaetian and Early Jurassic
10.20 – 10.40 **Artur Górecki, Maria Barbacka, Grzegorz Niedźwiedzki, Grzegorz Pacyna, Jadwiga Ziaja and Agata Jarzynka**: Plant remains from fossil faeces (coprolites) of a large predator from the Early Jurassic of Poland (Sołtyków)
10.40 – 11.00 *Coffee break*
11.00 – 11.20 **Maria Barbacka, Artur Górecki, Jadwiga Ziaja, Agata Jarzynka, and Grzegorz Pacyna**: Floristical changes along Jurassic depositional successions in the borehole Cianowice 2, southern Poland
11.20 – 11.40 **Michał Krobicki, Jolanta Iwańczuk and Maria Barbacka**: Early Jurassic (Pliensbachian) mangrove-type environments in the Albanian Alps
11.40 – 12.00 **Vladimír Šimo**: „Fleckenmergel“ (Pliensbach–Toark) lithofacies trace fossils and ichnofabric from the Western Carpathians, the Pieniny Klippen Belt and the Betic Cordillera
12.00 – 13.30 *Lunch*

Early afternoon session

Chairman: Jozef Michalik

- 13.30 – 13.50 **Keynote: Boštjan Rožič**: Jurassic Sedimentary Evolution of the Alpine–Dinaric Transition Zone; a time for an overview?
13.50 – 14.10 **Hans-Jürgen Gawlick and Sigrid Missoni**: Sedimentary mélanges in the Alps–Carpathians–Pannonian realm–Dinarides/Albanides/Hellenides: palaeogeographic and geodynamic consequences based on matrix ages and pebble provenance
14.10 – 14.30 **Piotr Łuczyński**: Neptunian dykes and other symptoms of syndepositional tectonic activity in the High-Tatric Lower Jurassic, Tatra Mountains, Poland
14.30 – 14.50 **Tim Cifer, Špela Goričan, Hans-Jürgen Gawlick and Matthias Auer**: Early Jurassic radiolarians from Mount Rettenstein, Northern Calcareous Alps, Austria
14.50 – 15.10 **Hubert Wierzbowski, Andrzej Wierzbowski, Jolanta Iwańczuk and Tomasz Segit**: New data on the Lower to Middle Jurassic transitional beds of the Czertezik Succession, Pieniny Klippen Belt, Poland
15.10 – 15.30 *Coffee break*

Late afternoon session

Chairman: *Daria Ivanova*

- 15.30 – 15.50 **Anna Feldman-Olszewska, Tomasz Segit and Andrzej Wierzbowski:** The problem of occurrence of the Aalenian in central Poland as based on revision of the ammonite fauna and dinoflagellate cysts: preliminary data
- 15.50 – 16.10 **László Bujtor:** Kimmeridgian ammonite assemblage from Zengővárkony, Mecsek Mts, Tisza Megaunit, South Hungary
- 16.10 – 16.30 **Ján Schlögl, Adam Tomašových, Tamás Müller and Vladimír Šimo:** Ammonite biostratigraphy of the Upper Pliensbachian and Toarcian of the new TOAE section Skladaná skala from Central Carpathians
- 16.30 – 16.50 **Tamás Müller, Szabina Karancz, Emanuela Mattioli, Rastislav Milovský, József Pálffy, Ján Schlögl, Tomasz Segit, Vladimír Šimo, Adam Tomašových:** Record of the Toarcian Oceanic Anoxic Event in a hemipelagic carbonate system: a study from a new section in the Western Carpathians
- 16.50 – 17.10 **Adam Tomašových, Ján Schlögl, Jozef Michalík and Lenka Donovalová:** Bivalve shell beds in hiatal successions on pelagic carbonate platforms (Pieniny Klippen Belt, Western Carpathians)
- 17.10 – 18.10 *Poster session*
- 19.30 *Ice-breaking party*

Wednesday, June 12th

Morning session

Chairman: *Petr Pruner*

- 9.00 – 9.30 **Keynote: Atsushi Matsuoka, Luis O'Dogherty, Špela Goričan, Peter O. Baumgartner, Xin Li, Marco Chiari and Angela Bertinelli:** Radiolarian phylogeny around the Jurassic–Cretaceous boundary and radiolarian biostratigraphy in the Bosso Valley section, central Italy
- 9.30 – 9.50 **Yaryna Tuzyak:** Current problems with selecting a J/K boundary
- 9.50 – 10.10 **Bruno Granier:** Carbonate platforms of the Tethys Ocean at the Jurassic-Cretaceous transition: case studies
- 10.10 – 10.30 **Daniela Reháková and Justyna Kowal-Kasprzyk:** *Calpionella alpina* Event on the J/K boundary
- 10.30 – 10.50 *Coffee break*
- 10.50 – 11.10 **Gang Li, Meizhen Cao, Petr Schnabl and William Wimbledon:** Progress on the non-marine Jurassic/Cretaceous boundary in northern China
- 11.10 – 11.30 **Daria K. Ivanova, Diego A. Kietzmann, María Paula Iglesia Llanos and Melisa Kohan Martínez:** New microfossil data for Tithonian–Valanginian interval of Puerta Curaco section, Neuquén basin (Argentina)
- 11.30 – 11.50 **Damian Gerard Lodowski, István Fózy, Andrzej Pszczółkowski, Ottilia Szives and Jacek Grabowski:** Magneto- and biostratigraphy of the Jurassic–Cretaceous transition in the Transdanubian Range (Hungary)
- 11.50 – 13.30 *Lunch*

Early afternoon session

Chairman: *Michal Krobicki*

- 13.30 – 13.50 **Jan Hejnar:** Biostratigraphy, lithostratigraphy and chemostratigraphy of Late Jurassic and Early Cretaceous pelagic facies between Czorsztyn, Zamkowa Góra and Červený Kláštor (Pieniny Klippen Belt)
- 13.50 – 14.10 **Otilia Lintnerová, Jozef Michalík and Daniela Reháková:** Isotope ($\delta^{13}\text{C}$, $\delta^{18}\text{O}$) proxies for interpretation of sedimentation, climate and plankton evolution on the J/K boundary
- 14.10 – 14.30 **Tamás Csibri:** The Pieniny Klippen Belt and Periklippen Zone in the Podbranč–Myjava segment: tectonic relation, microfacial differences and correlations
- 14.30 – 14.50 **Jenő Nagy and Randi Marie Hendrickson:** Stratigraphy of Middle Jurassic to basal Cretaceous foraminiferal facies reflecting hypersaline and hypoxic waters on the mid-Norwegian shelf

14.50 – 15.10 **Urszula Hara and Heinz Furrer:** Lower Cretaceous bryozoans of the northern Tethyan carbonate platform (Alpstein area, northeastern Switzerland)

15.10 – 15.30 *Coffee break*

Late afternoon session

Chairman: Jolanta Iwanczuk

15.30 – 15.50 **László Bujtor:** Berriasian fauna and ammonite biostratigraphy of the Leube Quarry (Salzburg, Austria), Northern Calcareous Alps and its palaeobiogeographical significance

15.50 – 16.10 **Hemen Sendi and Peter Vršanský:** Aquatic insects are not capable returning to land

16.10 – 16.30 **István Főzy:** Tracing a legend: The “lost” ammonite collection of Jenő Noszky Jr.

16.30 – 17.30 *Poster session*

17.30 *Business meeting of the Polish & Slovak Working Group of the Jurassic System*

19.00 *Dinner*

Thursday, June 13th

Morning session

Chairman: William A.P. Wimbledon

9.00 – 9.30 **Keynote: Berriasian WG – presented by William A.P. Wimbledon:** Progress with selecting a GSSP for the Berriasian stage (Cretaceous) – illustrated by sites in France and Italy

9.30 – 9.50 **Petr Schnabl, Petr Pruner and William A.P. Wimbledon:** Preliminary palaeomagnetic results from the non-marine Purbeck Formation (Tithonian–Valanginian) of Dorset (UK)

9.50 – 10.10 **Petr Pruner, Petr Schnabl, Tiiu Elbra, Šimon Kdýr, Andrea Svobodová, Kristýna Šifnerová and Daniela Reháková:** Palaeomagnetism and integrated stratigraphy of the Jurassic–Cretaceous transition in the Kurovice and Štramberk sections, Outer Western Carpathians, Czech Republic: contribution to palaeogeographic evolution

10.10 – 10.30 **Tiiu Elbra, Martin Košťák, Petr Pruner, Petr Schnabl, Šimon Kdýr, Kristýna Šifnerová and Lucie Vaňková:** Magnetic susceptibility and stable isotope ($\delta^{18}\text{O}$) record of shallower and deeper water Jurassic–Cretaceous paleoenvironments in the Outer Western Carpathians, Czech Republic

10.30 – 10.50 *Coffee break*

10.50 – 11.10 **Silviya Petrova, Daria Ivanova, Daniela Reháková, Iskra Lakova, Elena Koleva-Rekalova and Lubomir Metodiev:** Oxfordian to Lower Berriasian pelagic carbonates from the Yavorets syncline (Western Balkan Mountains): microfossil biostratigraphy and microfacies

11.10 – 11.30 **Iskra Lakova, Daria Ivanova, Elena Koleva-Rekalova and Silviya Petrova:** A profile of the Callovian–Berriasian pelagic carbonates in the West Balkan Mts from the Serbian/Bulgarian border to the Iskar River Valley

11.30 – 11.50 **Jacek Grabowski, Patrycja Wójcik-Tabol and Hubert Wierzbowski:** Upper Berriasian chemostratigraphy in the Barlya section (western Balkan, Bulgaria): implications for detrital input, palaeoproductivity and palaeoclimatic changes

11.50 – 13.30 *Lunch*

Early afternoon session

Chairman: William A.P. Wimbledon

13.30 – 13.50 **Hans Jörg Hirschhuber, Hans-Jürgen Gawlick and Gerald Maier:** The J/K-boundary section in the Leube quarry (Northern Calcareous Alps): sedimentology, stratigraphy, microfacies combined with geochemical proxies

13.50 – 14.10 **Petr Schnabl, Gang Li, Šimon Kdýr, G. Kletetschka, Petr Skupien, Andrea Svobodová and Karolína Hladíková:** Integrated bio-stratigraphic and magnetostratigraphic correlation of the Jurassic–Cretaceous boundary in non-marine sequences in Liaoning (China)

14.10 – 14.30 **Jacek Grabowski, Jolanta Iwanczuk, Renata Jach and Daniela Reháková:** New Upper Kimmeridgian–Tithonian section in the Lower Sub-Tatric (Křížna) succession in the Lejowa Valley (Western Tatra): integrated stratigraphy and implications for lithogenic input

- 14.30 – 14.50 **Michal Krobicki:** Bajocian and Tithonian/Berriasian tectonic reorganizations in the northernmost part of the Western Tethys (Pieniny Klippen Basin case study) – palaeoenvironmental and palaeoceanographic repercussions
- 14.50 – 15.10 **Jozef Michalík:** Correlation of J/K boundary sections in the Western Carpathians – Introduction to the field trip
- 15.10 Closed Berriasian WG business meeting

Friday, June 14th

- 7.30 **Post-conference field trip** will cover the Jurassic–Cretaceous sequences of the Pieniny Klippen Belt including Strapková outcrop, Brodno and Snežnica quarries. Bus with field trip participants will return to Bratislava in the afternoon.

DIVISION OF POSTER SESSIONS

Gordon Alchin: Summary of the Jurassic Geology of Great Britain

Kamil Fekete, Daniela Boorová, Andrea Svobodová and Ján Soták: Biostratigraphy and microfacies of the Upper Jurassic–Lower Cretaceous sequence in the Haligovce Klippe (Pieniny Klippen Belt)

Hans-Jürgen Gawlick, Roman Aubrecht, Felix Schlagintweit, Sigrid Missoni and Dušan Plašienka: The first direct evidence of the Jurassic ophiolitic obduction in the Eastern Alps (Austria): mass input of detritic Cr-spinels in Kimmeridgian sediments of the central Northern Calcareous Alps

Jacek Grabowski, Hans Jörg Hirschhuber, Jolanta Iwańczuk, Daniela Reháková and Hans-Jürgen Gawlick: Magnetostratigraphy and lithogenic input around the Jurassic/Cretaceous-boundary: new data from a thick Late Tithonian to Berriasian deep-water carbonate succession in the Northern Calcareous Alps

Petr Hykš and Tomáš Kumpan: New taxa from the Upper Jurassic of the Hády hill at Brno (Czech Republic)

Jolanta Iwańczuk, Andrzej Wierzbowski and Hubert Wierzbowski: A preliminary study of Toarcian deposits of the Križna Unit (Tatra Mts) which possibly correspond to the Oceanic Anoxic Event

Tian Jiang and Xiaoqiao Wan: The Paleocene and Eocene boundary in China

Šimon Kdýr, Petr Schnabl, Petr Pruner, Tiiu Elbra, Kristýna Šifnerová, Daniela Reháková, Lililan Švábenická, Kamil Fekete and Jozef Michalík: Chemo-, bio- and magnetostratigraphy of the Jurassic–Cretaceous boundary in the Snežnica (Outer Western Carpathians, Slovakia)

Atsushi Matsuoka: Excellently-preserved earliest Cretaceous radiolarian fossils from the Marian Trench and their application to outreach activities: Calendar and playing cards

Petr Schnabl, Martin Moník, Zdeňka Nerudová and Šimon Kdýr: Magdalenian stone tools artifacts made of Jurassic chert

Andrea Svobodová, William A.P. Wimbledon and Volodymyr Bakhmutov: New biostratigraphic data across the Jurassic–Cretaceous transition in the Theodosia area of Crimea (southern Ukraine)

Lucie Vaňková and Martin Košťák: Upper Jurassic – Lower Cretaceous belemnites reveal the geological history of the Outer Western Carpathians (Czech Republic): exemplified by the Štramberk cliff

Attila Vörös, István Fózy and Alfréd Dulai: Late Jurassic–Early Cretaceous brachiopods of the Bakony Mountains (Hungary), and the Weissert event

Xiaoqiao Wan and Tian Jiang: The Jurassic–Cretaceous boundary in China

Venue

The conference will be held in the conference rooms of the **Science Park of the Comenius University in Bratislava**. The Science Park is situated next to the Faculty of Natural Sciences of the Comenius University. A conference room with **capacity for 100 participants** will be available for purposes of the lectures.

Ice breaker, lunches and dinners (included in the conference fee) will be served at the **Drag restaurant**, located 5 minutes walking distance from the conference venue.

Organizing committee

Kamil Fekete, Jolanta Iwanczuk, Daniela Reháková, Štefan Józsa & Ján Schlögl

Scientific board

Roman Aubrecht, István Főzy, Jacek Grabowski, Felix Gradstein, Renata Jach, Martin Košťák, Jozef Michalík, Eckhard Mönnig, Adam Tomašových, Andrzej Wierzbowski & William A.P. Wimbledon

Travel info

You can find all information about arriving to Bratislava by car, by train, by bus and about public transport at the conference website: <http://geo.sav.sk/event/jurassica-14/venue-and-travel-info>

Accommodation

There will be a room prepared for each participant who filled out the registration form to stay at the Družba Hotel. For those who decided to stay at another place we provide several tips on search engines:

www.visitbratislava.com/your-visit/accomodation

www.trivago.sk/bratislava-86961/hotel

www.booking.com/Bratislava-Hotely

www.tripadvisor.sk/SmartDeals-g274924-Bratislava_Bratislava_Region-Hotel-Deals.html

Oral presentations

All speakers will be allocated a total of 15 minutes for the oral presentation and 5 minutes for discussion. Keynote speakers will be allocated a total of 30 minutes. Facilities in lecture rooms will include notebook and data projector.

Poster presentations

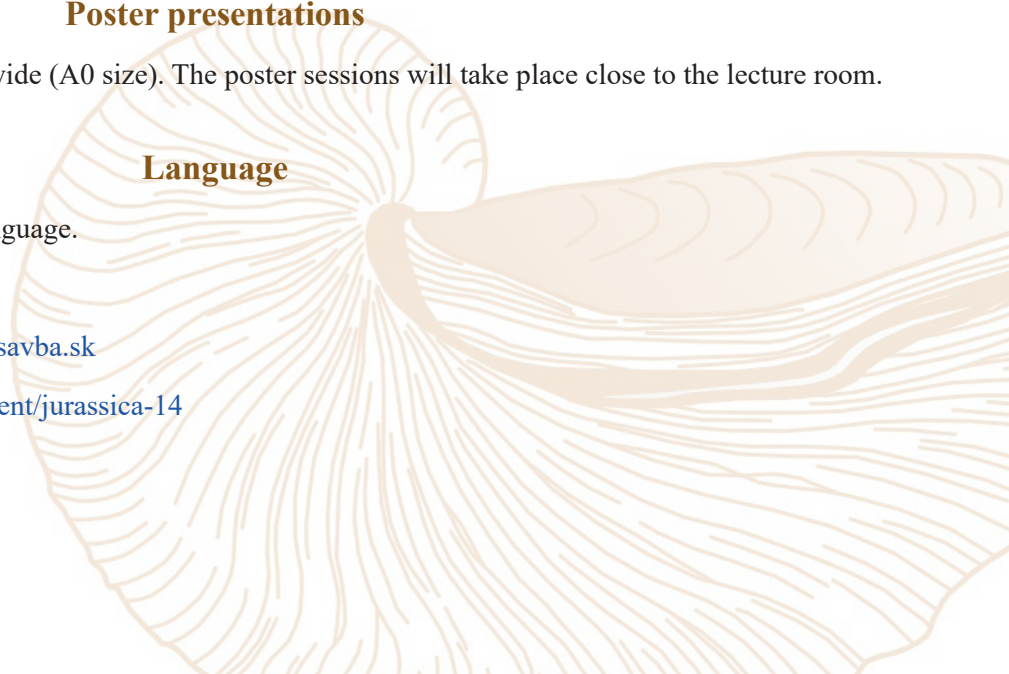
Available space will be 1,5m high x 1m wide (A0 size). The poster sessions will take place close to the lecture room.

Language

English will be the official conference language.

Contact email address: jurassica2019@savba.sk

Conference website: www.geo.sav.sk/event/jurassica-14



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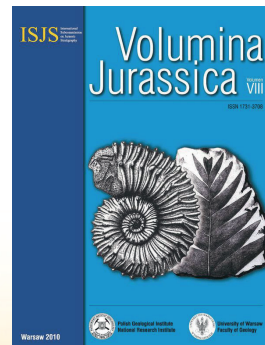
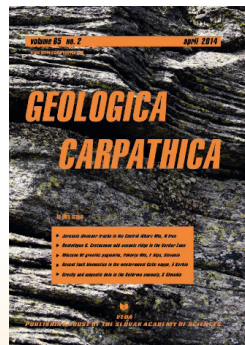


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We are looking forward to see you in Bratislava :)
The Organizing Committee