



# JURASSICA XII

4<sup>th</sup> IGCP 632 meeting

and Workshop of the ICS Berriasian Working Group

April 19<sup>th</sup>–23<sup>rd</sup>, 2016, Smolenice Castle, Slovakia

The second circular



Dear friends of the Jurassic research,

The time of our common meeting in the Smolenice Castle is approaching rapidly (seventy days are remaining only!). Our plan to enter the Jurassic Conference into connections with the Workshop of the Berriasian working group of the ICS seems to be successful. The interest to participate in this scientific meeting is greater than expected: we registered about fifty participants from nine countries with about thirty contributions concerning various problems of the Jurassic study until this moment. It enables to us to draw provisional schedule of our meeting. It will consist of three more-or less independent parts:

1) one-day fieldtrip demonstrating development of Jurassic strata in different units building the SW corner of the Central Western Carpathians close to the junction with the Alpine mountains system. The itinerary of the fieldtrip is as follows:

A.) The southern part of the Malé Karpaty Mts.

**Stop 1:** Devín Castle rock (Mid Jurassic breccia bed in the Tatric Unit)

**Stop 2:** Devínska Nová Ves – Slovinec cliff (J/K beds in the Tatric Devín Unit)

**Stop 3:** Prepadlé (L. Jurassic strata of the outermost unit in the central W. Carpathians)

B.) Northern part of the Malé Karpaty Mts.

**Stop 4:** Vývrat Valley below Pristodolok Hill (L. and M. Jurassic strata of the Vysoká Nappe)

**Stop 5:** Rohožnícka dolina, Tmavý Jarok (J/K Boundary beds in the Vysoká Nappe)

**Stop 6:** Smolenice, Hlboča Valley (J/K Boundary beds in the Vysoká Nappe)

**Stop 7:** Chtelnica (Lower Jurassic “Fossil Lagerstätte” in the Nedze Nappe)

2) Thursday will be a day of scientific meetings showing news in sedimentology (litho-, bio-, chemo-, magneto-) stratigraphy, paleontology, paleogeography and isotope study of Jurassic formations. The talks will be complemented by posters (10 posters are registered now). The talks (predominantly in English) should be 15 minutes long + 10 minutes for discussion. The dead line for delivering the abstracts is now ! The abstracts will be included in the Conference Book. In the following list, we introduce themes of the contributions received (the form and succession is provisional, it will be precised in definitive program).

## JURASSICA XII CONFERENCE

### Lower - Middle Jurassic:

1. **Jingeng S., Vajda V.:** Continental Crises of the Jurassic: Major Extinction events and Environmental Changes – goals and perspectives of the IGCP 632 Project
2. **Brański P.:** Triassic-Jurassic boundary sections in the Polish Basin – new mineralogical and geochemical data
3. **Krobicki M.:** Lower Jurassic (Pliensbachian) *Lithotis*-type bivalve-bearing limestones of the Albanian Alps – sedimentological and palaeoecological preliminary observations;
4. **Pieńkowski G., Hodbod M. and Ullmann C. V.:** Fungal plant decomposition accelerated Early Jurassic climate change
5. **Krobicki M.:** Review of the Middle Jurassic crabs (Brachyura) – their stratigraphic and palaeoenvironmental distribution
6. **Šimo V.:** Trace fossil assemblage of Lower Jurassic bioturbated deep water marly limestones of fleckenkalk-fleckenmergel facies in the Central Western Carpathians
7. **Krobicki M., Iwańczuk J., Wierzbowski A., Feldman-Olszewska A.:** Toarcian-Aalenian and Bajocian syn-rift events in the Western Carpathians (Pieniny Klippen Belt and Tatra Mountains; Ukraine, Slovakia and Poland)

### Upper Jurassic:

8. **Tyborowski D., Błażejowski B., Gieszc P.:** Marine and terrestrial reptiles from the Upper Jurassic limestones of Owadów-Brzezinki
9. **Gawlick H-J., Suzuki H. and Missoni S.:** On the way to a more precise Middle-Late Jurassic radiolarian biostratigraphy a tool for a better palaeogeographic and geodynamic reconstruction of the western Neotethyan realm: key sections in the Northern Calcareous Alps
10. **Ivanova D. K., Schlögl J., Tomašových A.:** Two types of benthic Middle Jurassic foraminifera from the Vršatec Limestone (Pieniny Klippen Belt, Western Carpathians, Slovakia)
11. **Rogov M. A.:** Infrazonal ammonite biostratigraphy of the Upper Kimmeridgian of Polish Lowland (preliminary results) and Late Kimmeridgian events
12. **Matyja B. A., Pszczółkowski A., Wierzbowski A.:** Tithonian *Chitinoidella* horizon and “Volgian” and “Portlandian” ammonites in the Owadów-Brzezinki section (central Poland) – a clue for Upper Jurassic interregional correlations
13. **Wierzbowski A.:** Towards a uniform Oxfordian-Kimmeridgian boundary – current state of knowledge
14. **Malenkina S.:** Preliminary study and first analytical results of Upper Jurassic black shales from Moscow Region
15. **Shchepetova E.:** Fish-debris tempestites within Upper Jurassic radiolarian lithofacies of Western Siberia

16. **Wierzbowski H.:** Depositional environment of Sławno limestones (uppermost Jurassic, central Poland): evidence from microfacies analysis, microfossils and geochemical proxies
17. **Golej M.:** The first findings of the bivalve genus *Aulacomyella* in the Upper Jurassic deposits of the Križna Nappe and the Pieniny Klippen Belt (Western Carpathians)
18. **Hoffmann M.:** Remarks on sedimentation of shallow water limestones in Štramperk, Moravia
19. **Feldman-Olszewska A., Malolepszy Z., Kijewska S., Głuszyński A., Wróbel G., Adamczak-Biały T., Chelmiński J., Szykaruk E.:** 3-D geological model of Jurassic deposits from the Lublin Basin, E Poland
20. **Socha K., Makos M.:** Revealing what has been overlooked - petroleum potential of the Jurassic deposits in Central Poland

### Posters:

1. **Dzyuba O. S., Shurygin B. N.:** J/K boundary interval in Siberia: Litho-, bio-, magneto-, and chemostratigraphy.
2. **Fekete K.:** Lithology and microfacies of the Jurassic – Lower Cretaceous Nižná Limestone Fm in the Krásna Hôrka Quarry (PKB)
3. **Gawlick H-J., Aubrecht R., Schlagintweit F., Missoni S. and Plašienka D.:** Detection of chrome spinels of harzburgitic provenance in the Kimmeridgian of the central Northern Calcareous evidenced Late Jurassic erosion of an obducted Neotethyan ophiolites in the southern Eastern Alps
4. **Grabowski J., Gawlick H-J., Iwańczuk J., Krische O., Reháková D., Wójcik K.:** Tithonian – Berriasian magnetostratigraphy in the Northern Calcareous Alps (Leube quarry, Northern Calcareous Alps, Austria) – first results
5. **Jeziarska A. and Łuczyński P.:** Unconformity between the Triassic and the Jurassic in the High-Tatric unit, Tatra Mountains.
6. **Shchepetova E.:** Organic-rich shales as a part of shallow-water record of J/K transition at the Russian platform
7. **Svobodová A., Košťák M.:** Calcareous nannofossils of the Jurassic/Cretaceous boundary strata in the Puerto Escaño section (southern Spain) – biostratigraphy and palaeoecology
8. **Tomašových A., Schlögl J., Kaufmann D.S., Hudáčková N.:** Time averaging of Holocene cephalopod assemblages in condensed sediments and implications for the fossil record
9. **Bakmutov V. G., Casellato C. E., Halásová E., Ivanova D., Reháková D., Wimbledon W. A. P.:** Bio- and magnetostratigraphy of the Upper Tithonian - Lower Berriasian in southern Ukraine

3) In the Friday morning, after closing the talk session of the Conference, we will visit the famous Chtelnica locality with fossil concentrations of Lower Jurassic ammonites. After lunch in the Smolenice Castle, the Conference will be finished.

In the Friday afternoon, the workshop of the Berriasian group will start, which will be devoted to selection of important sections comprising the Jurassic/Cretaceous boundary beds in different regions. These contributions can serve as a base of discussion on criteria for Saturday discussion and talks on general problems of the J/K Boundary delimitation.

# WORKSHOP OF THE ICS BERRIASIAN GROUP

## (Jurassic/Cretaceous Boundary)

### *JKB workshop -stratotypes:*

1. **Baraboshkin E. Yu., Rogov M. A., Guzhikov A. Yu., Dzyuba O.S., Urman O.S., Shurygin B.N., Pestchevitskaya E.B., Manikin A. G., Pimenov M. V.:** Kashpir section (Volga River, Russia), the proposed auxiliary section for the J/K interval in Subboreal Realm
2. **Guzhikov Andrei:** New bio- and magnetostratigraphic data at the Jurassic-Cretaceous boundary of the Chigan Cape (Vladivostok area, Russia)
3. **Michalík J., Reháková D., Grabowski J., Lintnerová O., Svobodová A., Schlögl J., Sobień K., Schnabl P.:** Stratigraphy, lithological and magnetic proxies of the Jurassic/Cretaceous boundary interval in the Pieniny Klippen Belt (Western Carpathians, Slovakia)
4. **Rogov M.A., Shurygin B.N., Zakharov V.A., Dzyuba O.S., Nikitenko B.L., Pestchevitskaya E.B.:** Nordvik section as the GSSP parastratotype for the Jurassic/Cretaceous boundary in the Arctic
5. **Vašíček Z., Skupien P.:** Tithonian to Early Berriasian ammonites from the Štramberk Limestone of the Kotouč Quarry near Štramberk – Outer Western Carpathians
6. **Schnabl P., Pruner P., Čížková K., Elbra T., Wimbledon W.A.P.:** Recent palaeomagnetic interpretations on the Jurassic-Cretaceous boundary in the Nordvik Peninsula

### *JKB final discussion:*

7. **Arkadiev V. V., Guzhikov A. Yu., Grishchenko V. A., Manikin A. G., Saveleva Yu. N., Feodorova A. A., Shurekova O. V.:** Berriasian-Valanginian boundary in the Crimean Mountains
8. **Casellato Cristina E, Erba Elisabetta** Synthesis of calcareous nannofossil events across the Jurassic/Cretaceous boundary: implications for the definition of the Berriasian base
9. **Grabowski Jacek:** Magnetic susceptibility as a stratigraphical marker at the J/K boundary: does it work?
10. **Pruner P., Schnabl P., Čížková K., Elbra T.:** Paleomagnetic and high-resolution magnetostratigraphic investigations across the J/K boundary strata: the role in paleogeography
11. **Reháková Daniela, Michalík Jozef:** Calpionellids in the Upper Jurassic/Lower Cretaceous pelagic carbonate sediments of the Western Carpathians – tool for their stratigraphical and paleoenvironmental interpretation
12. **Rogov M.** Review of the Upper Volgian ammonite biostratigraphy of Arctic
13. **Wimbledon William A. P.:** Resolving the positioning of the Tithonian/Berriasian stage boundary and the base of the Cretaceous System

(the lists of contributions is provisional, it could be adapted)

During Saturday afternoon, the JKB workshop will be closed and the return of participants to Bratislava is planned.

Payments (must be paid until March, 15<sup>th</sup>, 2016):

	Until March 1 <sup>st</sup> double room	Until March 1 <sup>st</sup> single room	After March 1 <sup>st</sup> double room	After March 1 <sup>st</sup> single room
Field trip fee	88.50 €	112.00 €	120.00 €	125.00 €
Conference fee	111.50 €	123.00 €	130.00 €	140.00 €
JKB workshop	80.00 €	90.00 €	100.00 €	115.00 €

**Field trip fee** contains: registration fee, excursion guide, one overnight in the Bratislava (Družba Hotel), bus transport, and lunch packet and drink.

**Conference fee** comprises: two overnights in the Smolenice Castle plus day meals (breakfast, lunch and dinner), coffee and refreshments, lecture room facilities, Conference materials.

**JKB workshop fee** consists of: meals (dinner, breakfast and lunch), one overnight in the Castle, lecture room lease, bus to Bratislava.

**Payments data for bank transfer:**

**IBAN :** SK32 8180 0000 0070 0012 7695  
**SWIFT :** SPSRSKBA  
**Bank Name:** Štátna pokladnica  
**Bank adress:** Radlinského 32, 810 05 Bratislava, Slovakia  
**Account Name:** Ústav vied o Zemi SAV  
**Account Adress:** Dúbravská cesta 9, P.O.BOX. 106, 840 05 Bratislava, Slovakia  
**Account number:** 70 0012 7695/8180  
**ID number:** 19042016  
**Posting text:** YOUR NAME+ JURASSICA (important to recognize the sender)

Further instructions and orientation maps will be in the Circular 3<sup>rd</sup>, which will be distributed in the beginning of April, 2016, to these who will send back the second form with payment (attached).