



CONFERENCE PROGRAMME

Sunday, 18. September 2011

16:00-18:00h Registration
18:00-21:00h Ice-Breaker

SCIENTIFIC SESSIONS

Monday, 19. September 2011

09:15h-10:00h Opening of the Meeting

S.1. Biodiversity patterns and evolution of fossils

CHAIR KURIHARA, Toshiyuki

10:00h-10:30h ARIUNCHIMEG, Ya. - Carboniferous fossils of Mongolia. **[KEYNOTE LECTURE]**

10:30h-10:50h BONCHEVA, I., SACHANSKI, V. & BECKER, R.T. - Sedimentary and faunal evidence for the Late Devonian Kellwasser and *Annulata* events in the Balkan Terrane (Bulgaria).

COFFEE BREAK: 10:50h-11:20h

11:20h-11:40h KÖNIGSHOF, P., SAVAGE, N.M., LUTAT, P., DOPIERALSKA, J., BELKA, Z., RACKI, G. & SARSDUD, A. - Late Devonian pelagic carbonates in northwestern Thailand: constraints and plate tectonic implications based on a multidisciplinary approach.

11:40h-12:00h WATERS, J.A. & DEREUIL, A.A. - Echinoderm Community Evolution in the Devonian and Mississippian.

12:00h-12:20h RANDON, C. & CARIDROIT, M. - Mississippian siliceous deposits: origin and importance for the estimation of biodiversity.

LUNCH: 12:20h-14:00h

S.2. Climate perturbations: Effects on marine organisms

CHAIR BONCHEVA, Iliana A.

14:00h-14:30h JOACHIMSKI, M.M. & BUGGISCH, W. - Climate and Ice Volume History of the Mid-Palaeozoic: Insights from oxygen isotope proxies. **[KEYNOTE LECTURE]**

14:30h-14:50h BULTYNCK, P. & WALLISER, O.H. - Extinctions, survival and innovations of conodont species during the Kačák Episode (Eifelian-Givetian) in south-eastern Morocco.

14:50h-15:10h YILMAZ, I.O., GÖNCÜOĞLU, M.C., TÜRKMEÑOĞLU, A.G. & SAYDAM-DEMIRAY, G. - An approach for paleoclimatic conditions for the formation of Lower Givetian ironstones within carbonate platform succession in NW Anatolia.

15:10h-15:30h TÜRKMEÑOĞLU, A.G., GÖNCÜOĞLU, M.C., YILMAZ, I.O. & ÜNLÜCE, O. - Preliminary study of Late Middle Devonian Bentonites in Western Black Sea (Zonguldak-Bartın) Region, NW Turkey: a possible link with climate change.

15:30h-15:50h GATOVSKY, Y. - Late Devonian climatic deterioration on the East European Platform and marine biota reaction on it.

COFFEE BREAK: 15:50h-16:20h

Poster presentations S.1. & S.2.

HUBMANN, B. - How much do we already know about biodiversity of the Austrian Palaeozoic?

ARTYUSHKOVA, O.V. & MASLOV, V.A. - Devonian Volcanism and Conodont Biodiversity in the South Urals.

DOJEN, C., ABOUSSALAM, S. & BECKER, R.T. – Early to Middle Devonian ostracodes from the Western Dra Valley (Morocco): first eventstratigraphical implications.

KÖNIGSHOF, P., ERNST, A. & TAYLOR, P. - Microhabitat complexity – an example from Middle Devonian Bryozoan-rich sediments.

KIDO, E., SUTTNER, T.J., PONDRELLI, M., CORRADINI, C., CORRIGA, M.G., SIMONETTO, L. & BERKYOVÁ, S. - Middle Devonian rugose corals of the Carnic Alps and their relation to the Late Eifelian Kačák Event.

KULAGINA, E.I. - Taxonomic diversity of the late Famennian - early Carboniferous foraminifers of the South Urals.

VINN, O., ZATOŃ, M. & SUTTNER, T. - Devonian to Carboniferous microconchid tubeworms: invasion of fresh-water habitats.

Tuesday, 20. September 2011

S.3. Multidisciplinary approach: Geochemistry & Geophysics (* joint session with IGCP 580)

CHAIR WATERS, Johnny A.

09:00h-09:30h DA SILVA, A.C., PAS, D., MABILLE, C. & BOULVAIN, F. - Magnetic susceptibility evolution on Palaeozoic sedimentary settings, a clue for past palaeoenvironments. **[KEYNOTE LECTURE]**

09:30h-09:50h DE VLEESCHOUWER, D., DA SILVA, A.C., BOULVAIN F., CRUCIFIX, M. & CLAEYS, Ph. - Precessional and half-precessional climate forcing of Mid-Devonian monsoon-like dynamics.

09:50h-10:10h DEVLEESCHOUWER, X., CASIER, J-G., PETITCLERC, E. & PRÉAT, A. - Drowning of a carbonate platform at the Givetian/Frasnian boundary (Sourd d'Ave section, Belgium): a comparison of different proxies (magnetic susceptibility, microfacies and gamma-ray spectrometry).

10:10h-10:30h KOPTIKOVÁ, L., HLADIL, J., SCHNABL, P., SKÁLA, R., SLAVÍK, L., ŠLECHTA, S., BÖHMOVÁ, V. & ŠT'ASTNÝ, M. - The influence of different acid dissolution methods on insoluble residues of limestones and their magnetic properties and mineralogical composition.

10:30h-10:50h MANCHUK, N., TSUKADA, K., HIDAKA, H., HORIE, K. & SUZUKI, K. - U-Pb isotopic dating of Devonian radiolarian-bearing Yoshiki Formation in Japan.

COFFEE BREAK: 10:50h-11:20h

S.4. Mid-Paleozoic bio- and lithostratigraphy

CHAIR KOPTIKOVÁ, Leona

11:20h-11:50h IZOKH, N.G. - Biodiversity of Devonian conodonts from the West Siberia. **[KEYNOTE LECTURE]**

11:50h-12:10h KURIHARA, T., TSUKADA, K., OTOH, S., MANCHUK, N., MATSUMOTO, A., SERSMAA, G. & MINJIN, Ch. - Late Silurian to Devonian pelagic facies in the Khangai–Khentei belt, Central Mongolia (Central Asian Orogenic Belt) and its radiolarian age.

12:10h-12:30h NARKIEWICZ, K. & NARKIEWICZ, M. - Conodont biofacies record of the Givetian transgressive levels in the Lublin and Łysogóry-Radom basins (SE Poland).

LUNCH: 12:30h-14:00h

14:00h-14:20h DOJEN, C. - Early Devonian Biostratigraphy with ostracodes: Problems, Progress und Possibilities.

14:20h-14:40h CHEN, X.-Q. & SUTTNER, T.J. - The distribution of *Zdimir* fauna and age in South China.

14:40h-15:00h SAVAGE, N.M., LUTAT, P., SARSDUD, A., KÖNIGSHOF, P., RACKI, G., DOPIERALSKA, J. & BELKA, Z. - Late Devonian conodonts and isotope geochemistry, northwestern Thailand.

15:00h-15:20h TAGARIEVA, R.Ch. - Conodont Biodiversity at the F/F boundary interval in carbonate sections of western slope of the South Urals.

15:20h-15:40h STREEL, M., CAPUTO, M.V. & MELO, J.H.G. - What do latest Famennian and Viséan diamictites from Western Gondwana tell us?

COFFEE BREAK: 15:40h-16:10h

Poster presentations S.3. & S.4.

KURIHARA, T. - Latest Silurian and Early Devonian radiolarian assemblages from tuffaceous rocks in the Tomochi area of the Kurosegawa Terrane, central Kyushu, Southwest Japan.

MAVRINSKAYA, T.M. - Diversity of conodonts in the Lochkovian and Early Pragian (Early Devonian) of the western slope of the Southern Ural.

PONDRELLI, M., CORRADINI, C., CORRIGA, M., KIDO, E., SIMONETTO, L., SPALLETTA, C., SUTTNER, T.J. & CARTA, N. - Pragian to Famennian depositional evolution of the M. Pizzul area (Carnic Alps, Italy): preliminary results.

CASIER, J-G., DEVLEESCHOUWER, X., MAILLET, S., PETITCLERC, E. & PRÉAT, A. - Ostracods, rock facies and magnetic susceptibility of the Givetian / Frasnian transition at Ave-et-Auffe (Dinant Synclinorium, Belgium).

PAS, D., DA SILVA, A.C., BOULVAIN, F., CORNET, P. & KÖNIGSHOF, P. - Sedimentology of a continuous Givetian-Frasnian carbonate succession in Sauerland (Germany) and MS comparison with the time-equivalent ones of Ardennes (Belgium) and Moravia (Czech Republic).

ANTOSHKINA, A.I., KANEVA, N.A. & KÖNIGSHOF, P. - Carbon isotop geochemistry and clay mineralogy of Lower Famennian deposits in the Timan-northern Ural Region – implications for palaeoclimatologic changes.

19:00h Reception at Town Hall

Wednesday, 21. September 2011

S.4. Mid-Paleozoic bio- and lithostratigraphy (continued)

CHAIR RANDON, Carine

09:00h-09:20h VALENZUELA-RÍOS, J.I. - Lochkovian conodonts (Lower Devonian) from the Spanish Central Pyrenees and its potential for a standard subdivision.

09:20h-09:40h LIAO, J.-C., VALENZUELA-RÍOS, J.I. & GOUWY, S. - Evaluation of the intended Givetian (Middle Devonian) Substages subdivision in the Spanish Central Pyrenees.

S.5. Short Course – “Paleobiology Database”

09:40h-10:40h KIESSLING, W., SUTTNER, T. & KÖNIGSHOF, P. - Marine biodiversity dynamics in the mid-Paleozoic oceans and their potential controls.

COFFEE BREAK: 10:40h-11:10h

IGCP 596 Business meeting

11:10h-12:00h Short contributions on the past, present & future of IGCP 596 and related projects and workshops

LUNCH: 12:00h-14:00h

14:00h-19:00h City tour

19:00h Conference Dinner

FIELD WORKSHOP D & C OF THE CARNIC ALPS

Thursday, 22. September 2011

Departure near lecture hall by bus (morning time); guided tour in the mine “Terra Montana” in Bad Bleiberg (Carinthia); short introduction to Carboniferous of Nötsch; visit of Geopark-Center in Dellach (Carinthia); Overnight stay at Valentinalm Hut.

Friday, 23. September 2011

Moving up from Valentinalm Hut (1221m) to Lake Wolayer (approx. 1940m) along the Geotrail. Topic: Devonian and early Carboniferous sequence; Overnight stay at Wolayersee Hut.

Saturday, 24. September 2011

Moving down from Lake Wolayer to Collina (Italian side), Topic: neritic development of the Devonian succession; Return back to Graz by bus (late evening).