



Program of the 12th CETeG Meeting

Lądek Zdrój, 23rd–26th April 2014

Wednesday, 23rd April, pre-conference field trip

8.00 – departure for the CETeG 2014 excursion to crystalline basement of the Orlica–Śnieżnik Dome
18.30 – arrival back to Lądek-Geovita
19.30 – Welcome dinner

Thursday, 24th April, 1st lecture day

Registration desk open from 7.45
8.30 – Welcome, opening of the meeting (A. Żelaźniewicz)

Geology and shale gas – invited talks

8.40–9.10

Piotr KRZYWIEC, Michał MALINOWSKI, Stanisław MAZUR, Vinton BUFFENMYER & Marek LEWANDOWSKI

Structure and Phanerozoic evolution of the SW edge of the East European Craton in Poland – new insight from high-effort seismic reflection data (project PolandSPAN).

9.10–9.40

Paweł POPRAWA

Shale gas/oil exploration in Poland – geology and beyond

9.40–10.00 – Discussion and coffee break

Tectonic processes, part 1

Chairman:

10.00–10.15

Łukasz GAĞAŁA

On the crustal-scale triangle zone in the Holy Cross Mountains (north eastern foreland of the European Variscides).

10.15–10.30

Szilvia KÖVÉR & László FODOR

New constraints to the Mesozoic structural evolution of the Inner Western Carpathians achieved by metamorphic, structural and geochronological data.

10.30–10.45

László MOLNÁR, Tivadar M. TÓTH & Félix SCHUBERT

Post-metamorphic structural evolution of a Variscan basement high in the Pannonian Basin, SE Hungary.

10.45–11.00

Petr ŠPAČEK, Jiří ŠVÁB, Petra ŠTĚPANČÍKOVÁ & Petr TÁBOŘÍK

Quaternary slip at faults in the West Carpathian Foreland: The Upper Morava Basin, Czech Republic.

11.00–11.30 – Coffee break

Tectonic process, part 2

Chairman:

11.30–11.45

Frantisek TETÁK, Ivana PEŠKOVÁ. & Martin KOVÁČIK

Tectonics of the Magura Nappe in the Biela Orava region (Western Carpathians) – preliminary results.

11.45–12.00

Andrzej GŁUSZYŃSKI & Paweł ALEKSANDROWSKI

Alongstrike changing structure of the Carpathian thrust front east of Tarnów (SE Poland) as intersection phenomenon related to thrust-floor palaeotopography.

12.00–12.15

Attila PETRIK, Barbara BEKE & László FODOR

Combined analysis of faults and deformation bands reveals the Cenozoic structural evolution of the southern Bükk foreland (Hungary).

12.15–12.30

Omar RADAIDEH & Rostislav MELICHAR

Insight into the main structural and tectonic elements of the south western part of Jordan.

Arc and back-arc processes

12.30–12.45

Pavel HANŽL, David BURIÁNEK & Kristýna HRDLIČKOVÁ

The Cambrian magmatic activity in the Zamtyn Nuru Range, Mongolian Altai.

12.45–13.00

Sławomir ILNICKI, Jacek SZCZEPAŃSKI & Christian PIN

Vestiges of Cadomian back-arc environments in the Nové Město belt and the western part of the Orlica–Śnieżnik Dome.

13.00–15.00 – Lunch

Orthogneiss formation

Chairman:

15.00–15.15 Aleksandra REDLIŃSKA-MARCZYŃSKA

Statistical analysis of a bulk chemical composition of orthogneisses, migmatites and metarhyolites from the Orlica–Śnieżnik Dome, West Sudetes.

15.15–15.30

Andrzej ŻELAŻNIEWICZ

Rocks deformed in the constrictional regime: L>S to L tectonites in the Orlica–Śnieżnik Dome, the Sudetes.

15.30–15.45

Milan KOHÚT

The orthogneisses – lost rocks in the Žiar Mts. (Western Carpathians)

15.45–16.00

Karel SCHULMANN, Pavlína HASALOVÁ, Anne Sophie TABAUD, Kryštof VERNER & Emilien OLIOT

Mineralogical inheritance in partially molten rocks: implication for fabric resetting in granitoids.

16.00–16.15

Prokop ZÁVADA, Pavlína HASALOVÁ, Roberto F. WEINBERG, Martin RACEK, Alice ROBERTS, Jiří KONOPÁSEK & Karel SCHULMANN

Orthogneiss fabric destruction through melt infiltration and overpressure driven cataclasis.

16.15–18.15 **Poster session (posters in format A0 portrait)**

19.00 – Dinner

Friday, 26th April, 2nd lecture day

Sedimentary basin formation and basin inversion

Chairman:

9.00–9.15

László I. FODOR, Orsolya SZTANÓ, Imre MAGYAR, Balázs TÖRŐ, András UHRIN, Attila VÁRKONYI, Gábor CSILLAG, Szilvia KÖVÉR, Zoltán LANTOS, András NÉMETH, Márton PALOTAI & Lilla TÖKÉS

Late Miocene depositional units and syn-sedimentary deformation in the western Pannonian basin, Hungary.

9.15–9.30

Ivana PEŠKOVÁ, Jozef HÓK & Michal POTFAJ

Internal Western Carpathian tectonic unit involved in the Klippen Belt structure: the Drietoma Unit – case of study.

9.30–9.45

Gábor KOVÁCS

Post-rift deformations in the surroundings of Rechnitz tectonic window, Eastern Alps.

9.45–10.00

El Hassania HABIBOU, Hmidou El Ouardi, Mohamed HABIBI & Eric MERCIER

Synsedimentary distensive heritage and thrusting structuration: geometric modeling of the Jebel Fert El Bir (South Rifian Ridges, Northern Morocco).

Deep to shallow crustal processes

Chairman:

10.00–10.15

Pavla ŠTÍPSKÁ, Roger POWELL, Martin RACEK & Ondrej LEXA

Interaction of eclogite with felsic granulite in the orogenic root, Bohemian massif.

10.15–10.30

Radmila NAHODILOVÁ, Pavla ŠTÍPSKÁ, Roger POWELL, Jan KOŠLER & Martin RACEK

High-Ti muscovite as a prograde relict in HP granulites with metamorphic Devonian zircon ages (Bistvina granulite body).

10.30–11.00 – Coffee break

11.00–11.15

Pavlína HASALOVÁ & Roberto WEINBERG

Water-fluxed melting of the continental crust: example from Zaskar, NW Himalaya.

11.15–11.30

Petr JEŘÁBEK, Jiří KONOPÁSEK & Eliška ŽÁČKOVÁ

Deformation and metamorphic record within the subduction exhumation channel as recorded in the Krkonoše–Jizera Mountains, Bohemian Massif.

11.30–11.45

Mirosław JASTRZEBSKI, Bartosz BUDZYŃ & Wojciech STAWIKOWSKI

Late Cambrian protolith age of the Młynowiec–Stronie Group and the Devonian–Carboniferous polyphase metamorphic evolution of the Orlica–Śnieżnik Dome (NE Bohemian Massif).

11.45–12.00

Zoltán NÉMETH & Martin RADVANEC

Alpine nappe transport of the high-pressure exhumed blocks from the Meliatic oceanic realm collision zone over Gemicum (Inner Western Carpathians).

12.00–12.15

Vít PEŘESTÝ, Martin RACEK & Ondrej LEXA

The origin of atoll shaped garnets in the Teplá Crystalline Complex, Bohemian Massif.

12.15–12.30

Gergely DABI, Bernadett BAJNÓCZI, Félix SCHUBERT & Tivadar M. TÓTH

The origin and role of a calcite-filled microcrack generation in a metamorphic crystalline complex: The characterization of a fossilised seismic permeability system.

12.30–14.30 – Lunch

Models of geological processes and structures

Chairman:

14.30–14.45

Ondřej KRÝZA, Ondrej LEXA, Karel SCHULMANN, Denis GAPAIS, Alexandra GUY & John COSGROVE

Crustal-scale buckling and associated crustal flow – lessons from analogue modeling.

14.45–15.00

Marta ADAMUSZEK & Marcin DĄBROWSKI

Evolution of tectonic structures within the salt diapirs: a numerical study.

15.00–15.15

Marta RAUCH

Tectonic deformation of Miocene rocks in the frontal part of Polish Outer Carpathian foreland fold-and-thrust belt (Tarnów–Rzeszów region).

15.15–15.30

Szymon OSTROWSKI

Mapping with VLF tool – gold investigation case study that yielded unexpected structural minutiae.

15.30–16.00 Concluding remarks, conference summary

16.00–18:00 Poster session (posters in format A0 portrait)

19:00 – Conference dinner, Radek Melka Price, Best Student Poster Award

Saturday, 26th April, post-conference field trip

9.00 – departure for the CETeG 2014 post-conference excursion to the Upper Nysa Kłodzka Graben.

16.00 – end of the field trip, arrival back to Łądek–Geovita.