



Hypogene Caves Morphology - Europe/Australia Comparison

Workshop on Hypogene Caves Morphology and Speleogenesis in Deformed Strata and Postgraduate Training on Hypogene Caves Morphology

Olsztyn, Poland
May 25-28, 2011

Workshop and Postgraduate Training on hypogene caves is organized by the Department of Geomorphology, University of Silesia, in co-operation with the Karst Research Institute ZRC SAZU and the University of Sydney, in frame of the HYPOCAVE project of the EU FP7-PEOPLE-2009-IRSES programme (Marie Curie International Research Staff Exchange Scheme). The aim of the workshop is to discuss possible hypogene origin of some caves in the region of Kraków-Częstochowa Upland (South Poland) as well as general discussion on the recent progress in understanding of hypogene speleogenesis. Workshop will be associated by second edition of Postgraduate Training on Hypogene Caves Morphology (first has been organized in Postojna, Slovenia). The number of participants is limited, so we have four full days for field trips, lectures and discussion. It will be good opportunity to discuss some aspects of hypogene speleogenesis in deformed strata in detail.

Location

The meeting will take place in the Hotel "Mały Dworek" in Olsztyn (ul. Kuhna 22), vicinity of Częstochowa, South Poland.

Schedule of the meeting

Tuesday (24-05-2011) – participants will arrive directly to Olsztyn.

Wednesday (25-05-2011) – main lectures:

- A. Osborne (University of Sydney, Australia), A. Tyc (University of Silesia, Poland) –
Introductory talks, presentation of the HYPOCAVE project state
- Ph. Audra (University of Sophia Antipolis, Nice, France) –
Structural condition of hypogenic flow
- P. Bosak (Institute of Geology, Czech Academy of Science, Prague, Czech Rep.), P. Bella (Slovak Caves Administration, Slovakia) –
Ascending speleogenesis along deep regional faults (case studies of from selected caves in the Czech and Slovak republics)
- N. Zupan Hajna (Karst Research Institute, Postojna, Slovenia) –
Cave rocky features: to be or not to be hypogenic?



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- B. Otoničar (Karst Research Institute, Postojna, Slovenia) –
Oxygen and carbon isotopic composition of low-temperature hydrothermal calcite crystals and related host rock from hypogene karst of Slovenia
- A. Tyc & J. Żaba (University of Silesia, Poland) –
Evidences of ascending speleogenesis in the Częstochowa Upland related to the Kraków-Lubliniec Fault Zone (with introduction to the field trips)
- Afternoon field trip to caves in Skole Góry and hills close to Olsztyn. Evening discussion
- Thursday (26-05-2011)** – whole day trip to caves in the vicinity of Podlesice – Berkowa Cave (described in 1978 by J. Rudnicki as an example of hydrothermal cave shaped by convection) and other cave and surface sites. Lunch in the field. Evening presentations and talks (among them by PhD students participating in the HYPOGENE meeting).
- Friday (27-05-2011)** – whole day trip to caves in the vicinity of Kraków – Nietoperzowa (Bats) Cave and Ciemna (Dark) Cave (Ojców National Park) among them. Lunch in the field. Consortium meeting of the „HYPOCAVE” project and possible other talks or discussion (can be prolonged in restaurant).
- Saturday (28-05-2011)** – half day training and discussion in the field – vicinity of Olsztyn and Złoty Potok. Lunch in the hotel.
- Sunday (29-05-2011)** – departure of participants

For more detailed information, please contact Dr. Andrzej Tyc (andrzej.tyc@us.edu.pl) – HYPOCAVE project co-ordinator.