

SECOND CIRCULAR

**14. INTERNATIONAL SYMPOSIUM
ON PSEUDOKARST**

SUDETES, SOUTHWESTERN POLAND

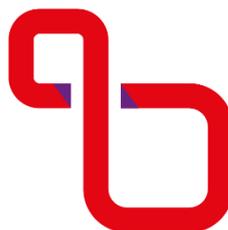
Karłów, 24-27th May 2023



**Union Internationale
de Spéléologie**



Uniwersytet
Wrocławski



**RESEARCH
UNIVERSITY**

EXCELLENCE INITIATIVE



Park Narodowy
Gór Stołowych



**AGENTURA OCHRANY
PŘÍRODY A KRAJINY
ČESKÉ REPUBLIKY**

SYMPOSIUM TOPIC

Pseudokarst caves in present-day exploration and scientific research

SYMPOSIUM ORGANISERS

UIS Pseudokarst Commission

Stowarzyszenie Geomorfologów Polskich

University of Wrocław

Institute of Nature Conservation, Polish Academy of Sciences, Kraków

Stołowe Mountains National Park

The Administration of Protected Landscape Area Broumovsko

SCIENTIFIC/EDITORIAL COMMITTEE

Jiří Adamovič

Pavel Bella

Marek Kasprzak

Piotr Migoń

Rudolf Pavuza

ORGANISATIONAL COMMITTEE

Kacper Jancewicz – chairman

Jan Urban – secretary

Filip Duszyński

Wioleta Porębna

Petr Kuna

Maria Kotowska

Bartosz Baturo

SYMPOSIUM PROGRAM

The 14th International Symposium on Pseudokarst will be held in hybrid form: in the Centre of Training and Education (CSE) of the Stołowe Mountains National Park in Karlów, in the Stołowe Mountains, Sudetes, for 'in situ' participants, as well as online for participants staying in their dwelling/work places. Information for online participants concerning technical details of the connection will be sent individually via email.

Tuesday, 23rd May 2023

- **arrival of participants**
- 17:00–20:00 registration of participants
- 19:00–20:30 dinner

Wednesday, 24th May 2023

- **scientific sessions**
- 8:30–10:30 registration of participants
- 8:00– 9:30 breakfast
- 10:00–10:20 opening ceremony
- 10:30–11:30 1st scientific session
- 11:30-11:50 coffee break
- 11:50-13:30 2nd scientific session
- 13:30-14:30 lunch
- 14:30-15:50 3rd scientific session
- 15:50-16:10 coffee break
- 16:10-17:50 4th scientific session
- 18:00-19:30 dinner
- 19:30-20:30 general assembly of the UIS Pseudokarst Commission

Thursday, 25th May 2023

- **half-day scientific session and half-day field session**
- 8:00-9:30 breakfast
- 9:30-10:50 5th scientific session
- 10:50-11:10 coffee break
- 11:10-12:40 6th scientific, poster session
- 13:00-14:00 lunch
- 14:10-18:30 field session: Crag and caves of the Stołowe Mountains sandstone tableland pt. 1: Mt Szczeliniec Wielki
- 19:00-20:00 dinner

Friday, 26th May 2023

- **full-day field session:**
- 8:00-9:30 breakfast
- 9:30-14:00 Crag and caves of the Stołowe Mountains sandstone tableland pt. 2: Narożnik Plateau – Białe Skały
- 14:00-15:00 lunch
- 15:00-18:00 Crag and caves of the Stołowe Mountains sandstone tableland pt. 3: Skalniak Plateau – Błędne Skały
- 18:30-22:00 dinner and official closure of the Symposium

Saturday, 27th May 2023

- **post-Symposium excursion**
 - 8:00-9:00 breakfast
 - 9:00-18:00 field session – two variants:
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Variant A. Adršpach Rocks – sandstone rock city and two caves: jeskyně pod Velkým vodopádem (Cave under the Big Waterfall – big fissure type cave), and Myší díra (Mouse Hole – narrow fissure type cave); the depositional structures and ferruginous mineralisation as well as various rocky landforms will be presented.

Variant B. Large caves near Slavný: jeskyňe Pod Luciferem (Cave under the Lucifer. Tunel (Tunnel) and Olga, as well as rocky landforms of the southern part of the Broumov Upland.

Sunday, 28th May 2023

- 18:00-19:00 dinner
- **departure of participants**
- 8:00-9:00 breakfast
- Departure of participants

Presented program of field sessions may be changed according to current weather conditions or any unexpected occurrences of bird nesting sites within the Stołowe Mountains National Park and Protected Landscape Area Broumovsko terrains

Additional important information on scientific and field sessions:

English language is preferred in the oral presentations, however simultaneous translations from native languages into English are also possible, if author provides an interpreter. All necessary technical details concerning online presentations will be sent via email to the online participants.

The preferred length of the oral presentations is 15 minutes (plus 5 minutes for discussion).

The preferred size of the poster presentation is: A1. The posters of authors who will not attend the Symposium, should be sent to Symposium e-mail address as PDF or TIFF files of at least 300 dpi resolution until the 18th of May. Short speech (up to 5 minutes) presenting every poster would be welcome during the poster session.

Each participant of the field sessions and excursion ought to be equipped with good touristic shoes and clothes as well as umbrella (just in case). Exploration of caves during field sessions and A variant of post-Symposium excursion is not expected to cause any difficulties. However, light sources (torches, headlamps) are recommended. Access to the caves presented during the B variant of post-Symposium excursion requires light, hard head and caving coverall. The number of participants of the B excursion is limited, therefore, the potential participants are required to inform organizers (via e-mail) about their will to participate in this (B) excursion.

Transfer to the field session on Friday, 26th May as well as the post-Symposium excursion on Saturday, 27th May will be accomplished by private cars of participants and organizers.

For the post-Symposium excursion each participant is asked to prepare its own packed lunch.

DETAILED PROGRAM OF SCIENTIFIC SESSIONS

1st Scientific session (Wednesday, 24th May)

10:30-10:50 *Kopecký Jiří*: Pseudokarst studies in the Broumov area – situation in 2020

10:50-11:10 *Hartvich Filip, Tábořík Petr, Dergunova Alexandra*: New insights into tectonic structures of the Ostaš Table Mountain and its surroundings

11:10-11:30 *Migoń Piotr, Duszyński Filip, Jancewicz Kacper, Porębna Wioleta*: From 'pseudokarst' features to better understanding of the evolution of tabular hills – the case of Labyrinth (Elbsandsteingebirge, Germany)

11:30-11:50 coffee break

2nd Scientific session (Wednesday, 24th May)

11:50-12:10 *Kopecký Jiří*: Study and documentation of cave root forms in the Broumov area

12:10-12:30 *Adamovič Jiří, Piller Jiří*: Geological controls on the formation of caves in sandstone, Kokořin area, Czech Republic

12:30-12:50 *Tabořík Petr, Hartvich Filip, Stemberk Jakub, Burjáněk Jan, Mazanec Martin*: Lonely-standing rock towers: how stable are they?

12:50-13:10 *Adamovič Jiří, Navrátil Tomáš, Filippi Michal, Kukla Jaroslav*: Contrasting speleothems in sandstone crevice and boulder caves of the Elbe River canyon (northern Bohemia, Czech Republic) – a factor of age?

13:10-13:30 general discussion (questions): morphology and caves in Upper Cretaceous sandstones of the Sudetes and surrounding regions

13:30-14:30 lunch break

3rd Scientific session (Wednesday, 24th May)

14:30-14:50 *Bella Pavel, Gaál Ľudovít*: Volcanic pneumatogenic caves – morphology and genetic typology

14:50-15:10 *Bella Pavel, Pavuza Rudolf, Urban Jan*: „Pseudokarst” – a classical term redefined in the context of the development of karst and cave research

15:10-15:30 *Urban Jan, Pavuza Rudolf, Simmert Hartmut*: The UIS Pseudokarst Commission – a quarter of a century of its activity

15:30-15:50 general discussion (questions): pseudokarst terminology and classification of non-karst caves

15:50-16:10 coffee break

4th Scientific session (Wednesday, 24th May)

16:10-16:30 *Kapustova Veronika, Bouda Tomáš*: Annual surface and near surface temperature course of selected crevice-type caves in Moravian-Silesian Beskids

16:30-16:50 *Bayrak Gafyna, Zinko Jurii*: Tafoni on rock surfaces in the Ukrainian Beskydy Mountains: morphological observations

16:50-17:10 *Valenas Liviu*: Geomorphology and hydrogeology of genuine karst in the quartzitic sandstones of northeastern Thailand.

17:10-17:30 *Rowling Jill*: Iron springs in the Blue Mountains, New South Wales, Australia

17:30-17:50 *Crossley Peter, Szentes George*: Pseudokarst caves in New Zealand's North Island according to their development

5th Scientific session (Thursday, 25th May)

9:30-9:50 *Kašing Martin, Lenart Jan, Pánek Tomáš, Braucher Regis*: Ledové sluje Caves – new insights into structure and age of crevice-type caves in crystalline rocks of the Bohemian Massif (Czechia)

9:50-10:10 *Pavuzá Rudolf, Cech Petra*: Extensive non-karst speleothems in gneiss, Rudolfstollen Austria

10:10-10:30 *Oberender Pauline, Funk Barbara, Plan Lukas*: The distribution of non-karst caves in Lower Austria with particular emphasis on frost weathering caves

10:30-10:50 *Valenas Liviu*: Pestera de la Cascada Bohodei (Cave at Bohodei Waterfall) in the Bihor Mountains, Romania – a natural quartzite cave or a very old mine?

10:50-11:10 coffee break

11:20-12:20

6th Scientific (poster) session (Thursday, 25th May)

Kasprzak Marek, Sobczyk Artur, Porębna Wioleta, Jancewicz Kacper, Głowacki Tadeusz, Milczarek Wojciech: Coldspots: low temperature of the ground in rock clefts (Stołowe Mountains, SW Poland)

Kostov Konstantin, Dobrev Nikolay, Krastanov Miroslav, Nikolov Nikolay: Sea caves on the Kaliakra Cape, North Bulgarian Black Sea coast

Kostov Konstantin, Toteva Aglaida, Benderev Aleksey, Mihaylova Boyka: Caves in sandstone near village of Roshenitza, NW Bulgaria

Pasierb Bernadetta, Gajek Grzegorz, Urban Jan, Nawrocki Wiesław: Genesis of the Jaskinia Pod Świewami (Poland) based on interdisciplinary geomorphological, geophysical and geodetic studies

Stařík Stanislav: Geopark Broumovsko – the land of sandstone

Vaqueiro-Rodríguez Marcos: Developing the Speleopark of a Mariña Shire (Lugo province, Galicia, Spain) – natural caves, consequent caves and

convergent forms in the confluence of the karstic, parakarstic and pseudokarstic landscapes in north of Lugo.

Vařilová Zuzana, Belisová Natálie, Horák Jan: Changes in the relief of sandstone cliffs due to historical stone quarrying

Vařilová Zuzana, Horák Jan: The consequence cave of Sandloch – a result of the collapse of historical underground sand pits

12:20-12:40 general discussion (questions): non-karst caves and specific karst caves around the world

SYMPOSIUM COSTS; PAYMENTS

Principally, the costs of full participation in the Symposium range **1100 PLN (=240 euros)**, whereas additional accommodation before and after Symposium enlarges these costs up to **1340 PLN (=290 euros)**. Online participation is estimated at **100 PLN (=20 euros)**. Nevertheless, the costs of the Symposium, depends on the character of attendance of every particular participant, therefore each participant very soon will receive an e-mail message about individual costs.

The payments should be realised up to the 26th April via bank transfer. The following data should/can be used for such transfer:

Address: Stowarzyszenie Geomorfologów Polskich ul. B. Krygowskiego 10, 61-680 Poznań, Poland

Bank account number: 23 1140 2004 0000 3602 8329 8728

IBAN: PL23 1140 2004 0000 3602 8329 8728

BIC/SWIFT: BREXPLPWMBK

Bank Address: mBank S.A. FORMERLY BRE BANK S.A. (RETAIL BANKING) LODZ, Skrytka pocztowa (post office box) 2108, 90-959 Łódź 2

Transfer title/description: *Pseudokarst Name Surname*

SYMPOSIUM WEBSITE AND CONTACTS

Symposium website: 14pseudokarst.wonders4you.com

Symposium e-mail address: 14pseudokarst@iop.krakow.pl

Personal addresses: urban@iop.krakow.pl (Jan Urban)

kacper.jancewicz@uwr.edu.pl (Kacper Jancewicz)

Telephone numbers: +48 694 670 815 (Jan Urban)

+48 506 066 786 (Kacper Jancewicz)

KEY DATES

26th April 2023 – deadline of payment and declaration of participation in the B field-session variant

24-27th May 2023 – 14th International Pseudokarst Symposium, Stołowe Mountains, Sudetes,

30 September 2023 – deadline of submission of manuscripts for the post-Symposium monograph (volume of the *Studia Quaternaria* journal).

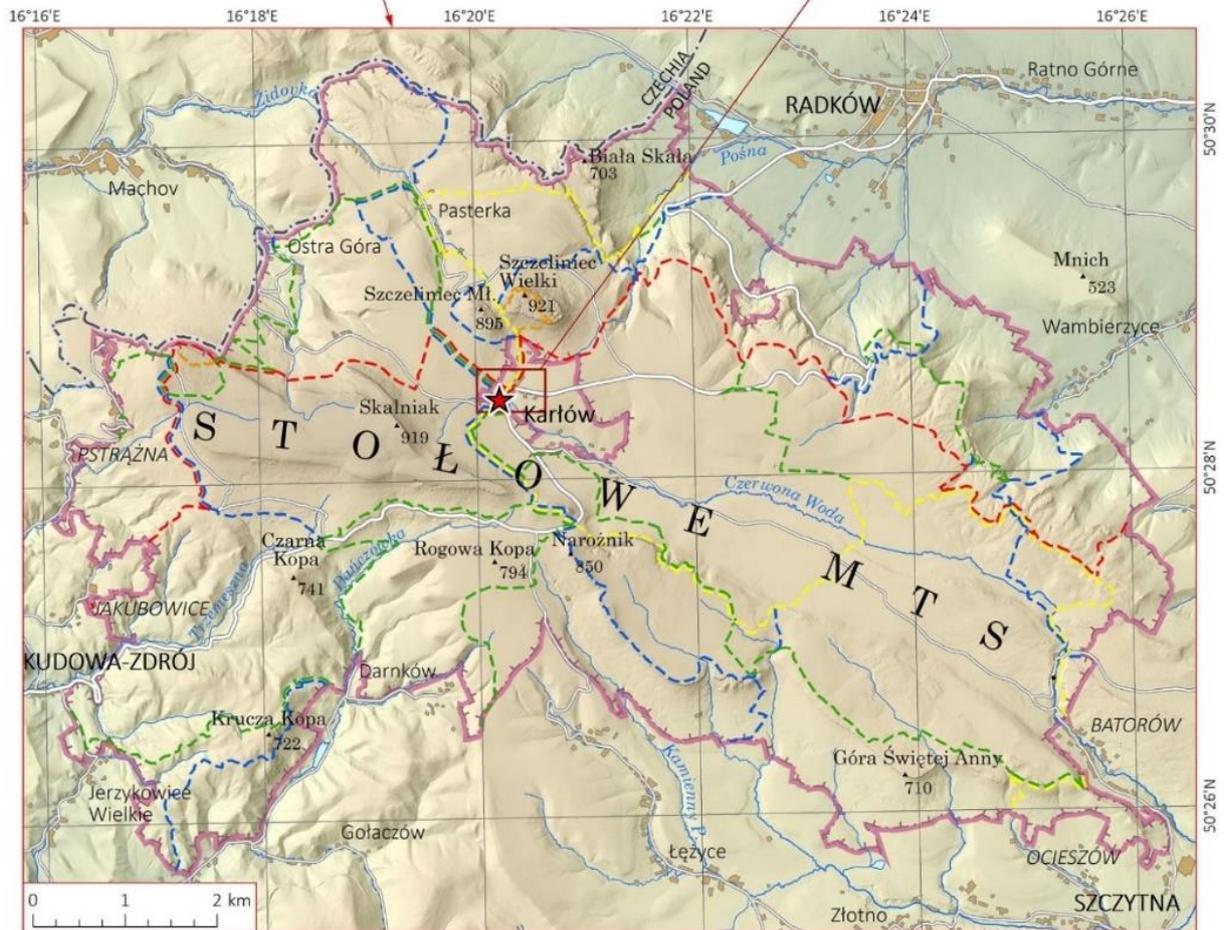
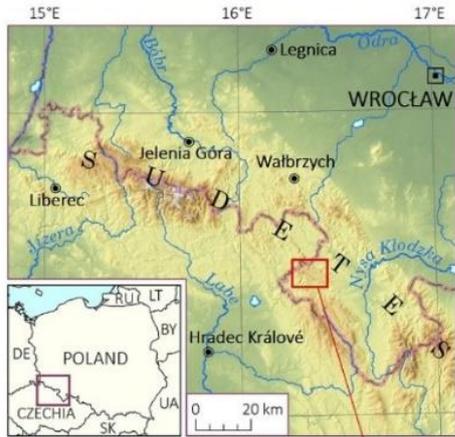
CONFERENCE PUBLICATION

All scientific participants will be given published materials including abstracts and field session guidebook during the Symposium registration.

The scientific materials presented during the sessions of the Symposium can be published in the volume of the [Studia Quaternaria](#) journal after normal reviewing procedure of manuscripts prepared according to this journal requirements and standards. Therefore the authors will be asked about their plans in this thing during the Symposium. The submission of manuscripts is expected up to the end of the September 2023, although other terms can be considered in individual cases.

HOW TO GET TO?

[Karłów](#) is a small village, currently the touristic centre in the Stołowe Mountains situated inside the [Stołowe Mountains National Park](#). It is accessible by cars, as well as public bus lines from Kudowa Zdrój and Kłodzko. **Please note, that the road no. 387 from Radków to Karłów is temporarily closed for the traffic due to bad technical condition.**



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|-------------------|---|--|----------------|------------------|
| ★ Symposium venue | --- marked touristic trails (red, blue, green, yellow, other) | — Stołowe Mountains National Park boundary | — main roads | — streams |
| • peaks | — national boundary | — secondary roads | — water bodies | ■ built-up areas |