

16th INTERNATIONAL  
CONGRESS OF SPELEOLOGY



WHERE HISTORY MEETS FUTURE

# 2<sup>nd</sup> CIRCULAR

16<sup>th</sup> INTERNATIONAL  
CONGRESS OF  
SPELEOLOGY

Czech Republic, Brno,  
Moravian Karst

July 21–28, 2013



[www.speleo2013.com](http://www.speleo2013.com)



## Dear colleagues, friends and cavers,

We are pleased to present you the second circular of the 16<sup>th</sup> International Congress of Speleology (ICS) to be held in Brno, Czech Republic from July 21 to 28 2013. The ICS is organized by the International Union of Speleology (UIS) every four years and, without exaggeration, represents the world's most significant speleological meeting. It is an event that connects the scientists engaged in studying karst, caves and all phenomena of their formation and development with the voluntary speleologists who discover and explore the cave systems in every corner of our planet.

During the Congress, hundreds of lectures will be presented in several sessions, tens of posters, movies and maps will be shown, traditional accompanying events, such as competitions and exhibitions, will take place, and dozens of formal and hundreds of informal meetings will be held. The General Assembly of the UIS will be a very important event, during which delegates from member countries will gather and new UIS representatives for the next four-year period will be elected.

Within the excursions and camps prior to and after the Congress, you will be given an opportunity to visit the most significant karst regions not only of the Czech Republic but also the entire Central Europe. Relatively short distances offer ideal opportunities to combine the trips and the Congress itself without high travel expenses.

Brno is an ideal place for arranging a congress of such an extent, and also offers a great choice of culture events and sports activities for accompanying persons including children of all ages.

The motto of the 16<sup>th</sup> ICS sounds "Where History Meets Future" and is inspired by many significant anniversaries to be commemorated in 2013 that symbolically underline the latest explorations and scientific knowledge which will be presented on the Congress. In 2013, we will commemorate the:

- 860<sup>th</sup> anniversary of the bestowal of town privileges upon Brno by King Václav I (1243)
- 290<sup>th</sup> anniversary of the first descent into Macocha Abyss (1723)
- 60<sup>th</sup> anniversary of the first International Congress of Speleology in Paris (1953)
- 40<sup>th</sup> anniversary of the last International Congress of Speleology held in the former Czechoslovakia (1973)

The 16<sup>th</sup> International Congress of Speleology is organized by the Czech Speleological Society and its members, who are working to create as good conditions as possible for the dignified course of the Congress, and we look forward to welcoming thousands of their colleagues from more than 50 countries of the world. We believe that you will join us and come to the 16<sup>th</sup> International Congress of Speleology to be held in Brno in July 2013.

Zdeněk Motyčka, Chairman of the 16<sup>th</sup> ICS Organizing Committee, President of the Czech Speleological Society.

## Important information!

The following is important information everyone should understand about the 16<sup>th</sup> ICS before reading further in this circular. It will help you better understand the information, what to expect in Brno, and what will be expected of you.



- Follow the website. The address is [www.speleo2013.com](http://www.speleo2013.com). The website has far more information and details than could be printed here. We have tried to include all important information in this circular, but it is possible something important to you is only on the website.
- **On-line registration will start in August 1, 2012 and ending in July 1, 2013!**  
Registration for all pre and post congress excursions and field trips must be received by **1 April 2013**; after this date, participation cannot be guaranteed. The ICS will send messages to confirm registration. However, confirmation of ICS registration is not confirmation of excursion or field trip registration. Do not make travel arrangements based on your pre-ICS and post-ICS trip requests until after you are contacted by the ICS confirming that the trip will occur. Excursions and field camps may be cancelled for lack of participation; those who requested it will be assigned to their 2nd or 3rd choice trips.
- Reservations for all trips, rooms, and activities will be based on the order in which you register. Reservations will not be held for persons who have not registered.
- If you are submitting a paper, full registration must be received at or before that time.
- English is the official language of this ICS. Translation services will not be provided. Participants can present their papers orally in one of the official UIS languages. If a paper is presented orally in a non-English language and the author has someone interpret in English, both presentations must be completed within the time allotted for one speaker. It is recommended that the text in PowerPoint presentations be in English. A second abstract may be written in a non-English official UIS language, in addition to the English abstract and text.
- In accordance with Czech law, no alcoholic beverages will be served to anyone under 18 years of age. Identification showing date of birth may be required.
- The weather in Brno might be hot during the ICS, but usually are pleasant sunny days, with temperatures between 25–30 °C during a day and 15–20 °C in night. Occasionally showers or summer storms can refresh a day. All Congress venue will be air-conditioned.
- All caves in the Czech Republic are protected by law. Everyone visiting caves during ICS trips is expected to behave in ways that are safe for people, and do not damage the caves or the land. ICS trip leaders are authorized to remove people from a cave or property, or prevent them from entering, if they act in a way that threatens their safety or the safety of others or might damage the cave, private property, or Environment. No refunds will be given in such cases.
- There are no special health risks and requirements for the Czech Republic or countries, where Pre- and Post-Congress excursions will be organized, but please check with your doctor about immunizations you may need prior to traveling internationally.

## Visa for visiting the Czech Republic/Schengen Area

Some participants of the ICS will need a visa for their stay in the Czech Republic/Schengen Area. This is a visa referred to as "Schengen short stay visa". Here you will find the basic information about the visa/visa-free duties of the participants from various countries and as to how to obtain the "Schengen short stay visa".

### Below is a brief overview of information as to whether you need the Schengen short stay visa:

- A list of countries whose citizens are not required to have a visa for their temporary stay in the Czech Republic/Schengen Area  
[http://www.mzv.cz/jnp/en/information\\_for.aliens/temporary\\_stay\\_in\\_the\\_territory\\_of\\_the/index.html](http://www.mzv.cz/jnp/en/information_for.aliens/temporary_stay_in_the_territory_of_the/index.html)
- A list of countries whose citizens are not required to have any visa  
[http://www.mzv.cz/jnp/en/information\\_for.aliens/list\\_of\\_states\\_whose\\_citizens\\_are\\_exempt/index.html](http://www.mzv.cz/jnp/en/information_for.aliens/list_of_states_whose_citizens_are_exempt/index.html)
- A list of countries whose citizens are required to have a visa (to facilitate the visa settlement, a letter confirming participation in the ICS will be sent to participants as soon as the registration fee is paid).  
[http://www.mzv.cz/jnp/en/information\\_for.aliens/list\\_of\\_states\\_whose\\_citizens\\_are/index.html](http://www.mzv.cz/jnp/en/information_for.aliens/list_of_states_whose_citizens_are/index.html)
- The citizens of some countries with a visa duty are subject to a special "Visa Facilitation Agreement". This Agreement applies to the citizens of Albania, Bosnia and Herzegovina, Georgia, Macedonia, Moldova, Montenegro, Russia, Serbia, and Ukraine. For the current wording of the agreement in force, please visit the following websites:  
[http://www.mzv.cz/jnp/en/information\\_for.aliens/agreements\\_on\\_facilitation\\_of\\_visa/index.html](http://www.mzv.cz/jnp/en/information_for.aliens/agreements_on_facilitation_of_visa/index.html)

### If you are required to have a visa according to the above links, you must follow the steps bellow:

1. The visa application must be submitted to a diplomatic mission/consulate general, not in the territory of the Czech Republic. In some areas, the application for a Schengen short term visa can also be submitted through mediatory or travel agencies. For more detailed information, please contact the diplomatic mission/consulate general. For a list of diplomatic missions/consulates general of the Czech Republic, please visit the following websites:  
[http://www.mzv.cz/jnp/en/diplomatic\\_missions/czech\\_missions\\_abroad/index.html](http://www.mzv.cz/jnp/en/diplomatic_missions/czech_missions_abroad/index.html)
2. The application for a Schengen short stay visa must be submitted within a period of 3 months prior to the planned journey. It is advisable to submit the application no later than 15 days before the journey. Applications submitted at later dates may not be settled in time. In most cases the application will be settled within 15 days. In some cases this period may be extended up to 30 days, and in exceptional cases to a maximum of 60 days.
3. The application for short stay visa shall be submitted using the official form "Application for Schengen Visa". The printed forms are available in diplomatic missions, or can be downloaded from the websites of the Ministry of Foreign Affairs of the Czech Republic given below and printed.  
[http://www.mzv.cz/jnp/en/information\\_for.aliens/visa\\_form/index.html](http://www.mzv.cz/jnp/en/information_for.aliens/visa_form/index.html)

**ATTENTION!** For participants of the excursion to the Gypsum Karst in Ukraine A1UA and to the Romanian excursion BIRO and A2RO – please read carefully the following info:

- a) Ukraine is neither a member state of the Schengen Area nor of the European Union. Therefore, you must contact the Ukraine diplomatic missions to obtain the information about the Ukrainian visa required. For your convenience, a link to the websites of the Ministry of Foreign Affairs of Ukraine with a comprehensive table of all countries and their visa duties is shown below:  
<http://www.mfa.gov.ua/mfa/en/publication/content/1865.htm>  
For a list of diplomatic missions of Ukraine around the world, please visit the following websites:  
<http://www.mfa.gov.ua/mfa/en/304.htm>
- b) Romania is a member state of the European Union but NOT a member of the Schengen Area. Therefore, you must contact the Romanian diplomatic missions to obtain the information about the Romanian visa required. For your convenience, a link to the websites of the Ministry of Foreign Affairs of Romania with comprehensive information is shown below:  
<http://www.mae.ro/en/node/2035>  
For a list of diplomatic missions of Romania in the world, please visit the following websites:  
<http://www.mae.ro/en/romanian-missions>

## Czech Republic

The Czech Republic is located in Central Europe. The country is a typical landlocked country that is partly hilly and partly flat and in which several important European rivers have their origins. Slightly undulating countrysides, plains and mountain ranges in the border areas offer peace and quiet to its visitors, as well as relaxation and summer and winter sports. The national parks of Krkonoše, Šumava and Podyjí protect rare plant and animal species. There are more than 1,200 protected and natural areas in the Czech Republic that embrace more than 10% of the territory of the country. There are also many water reservoirs, ponds and lakes which offer many opportunities for water related activities. One-third of the country is formed by highlands and mountains full of lovely forests and meadows.

Thanks to suitable geological conditions, there are lots of mineral springs in the territory of the Czech Republic that have been used for spa cures for more than 200 years. Thirty-six spas are dispersed across the country. The largest and oldest spas are located in West Bohemia in a triangle, connecting Karlovy Vary, Mariánské Lázně and Františkovy Lázně.

More than 1,000 years of diverse history have contributed to this country, which consists of the historical territories of Bohemia, Moravia and Silesia. There are many preserved historical sites and towns. Many historical town centers are well-preserved and renovated; for example, the historical hearts of Prague, Český Krumlov, Telč, Kroměříž, Lednice–Valtice cultural landscape, Olomouc and Kutná Hora, have been included in the list of the world cultural and natural heritage sites of UNESCO.



## Brno

Brno is the second largest city in the Czech Republic. It is an administrative center of the South Moravian Region and the Czech capital of judicial authority. The population of the city is about 405,000 and the population of the greater metropolitan area is about 730,000. Its geographical location is in the center of Europe, close to the principal capitals of Central-Western and Central-Eastern Europe. The nearest international airport is 20 km away (it has only limited connections), however important international airports for most and low-cost airlines are located within short distances, Vienna (120 km), Prague (200 km). Brno is also well connected by railways at the junction of north-south and east-west principal routes and is directly connected to the network of European highways.

The area of Brno had been settled since the 2<sup>nd</sup> Century, when it is mentioned in Ptolemy's atlas *Magna Germania* as "Eburodunum". From the 11<sup>th</sup> Century, a castle of the governing dynasty was built and Brno was recognized as a town in 1243. During the Thirty Years War, in 1643 and 1645, Brno was the only city successfully defended against the Swedish army. In 1805, during the Napoleonic wars, the Battle of Austerlitz took place about 10 kilometers northeast of Brno. In the 18<sup>th</sup> Century, development of industry and trade began, and continued into the next century. Soon after the Industrial Revolution, the town became one of the industrial centers of the Austro-Hungarian Empire – sometimes referred to as the "Moravian Manchester".

The particularly renowned places to see in Brno are Špilberk Castle, the Cathedral of St. Peter and Paul and Villa Tugendhat. The castle, originally a royal castle, became a baroque fortress and feared prison from the 17<sup>th</sup> Century and it is one of the principal monuments above the city, as is the cathedral, which was built during the 14<sup>th</sup> and 15<sup>th</sup> Centuries. Villa Tugendhat is an outstanding example of functionalistic architecture designed by Mies van der Rohe. It was built in the late 1920s, and was designated a World Heritage Site by UNESCO in 2001.

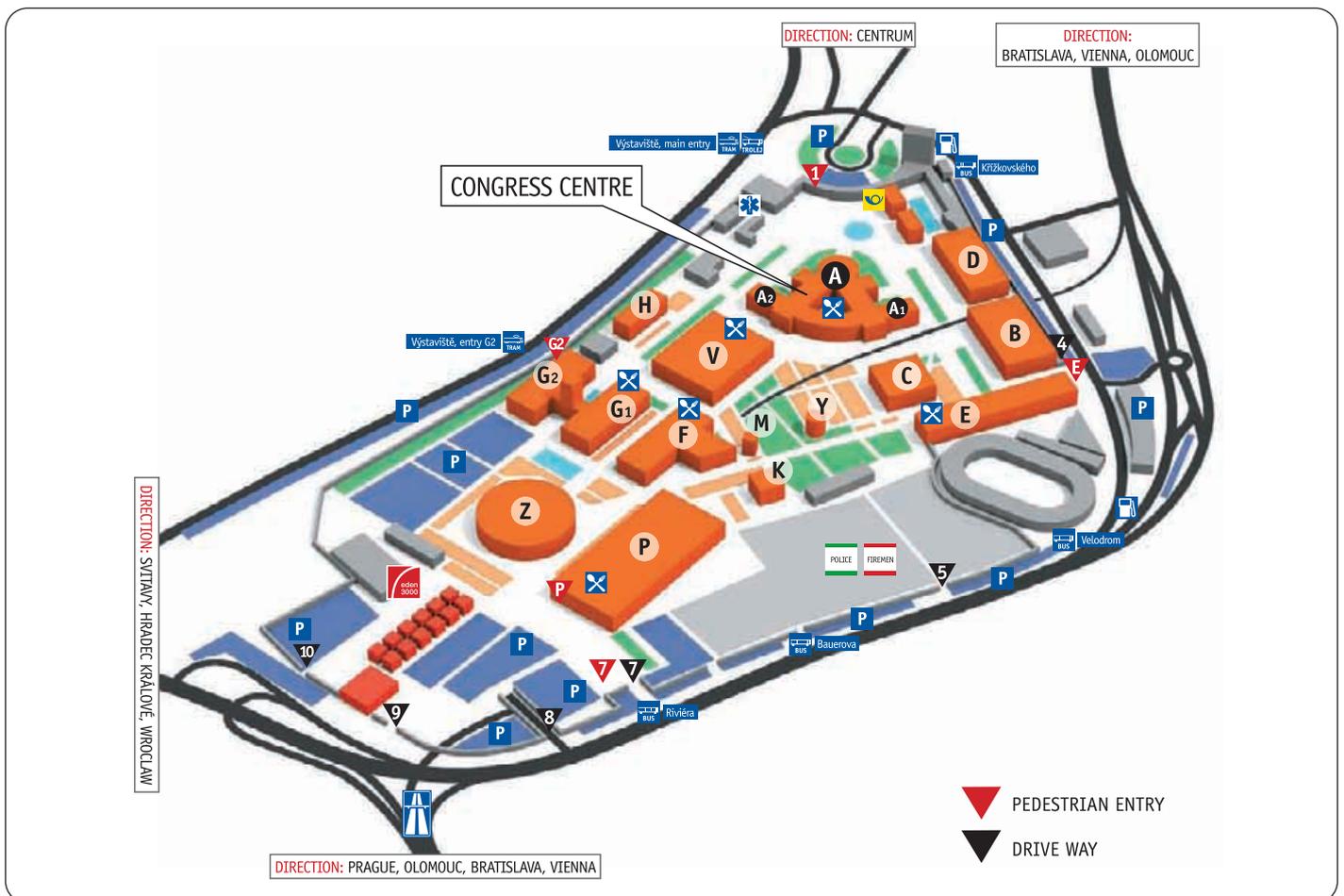
The city has a long history of motor racing. Many competitions take place at the new Masaryk Circuit, completed in 1985. Among other events, it hosts the Moto GP series.



## Congress venue

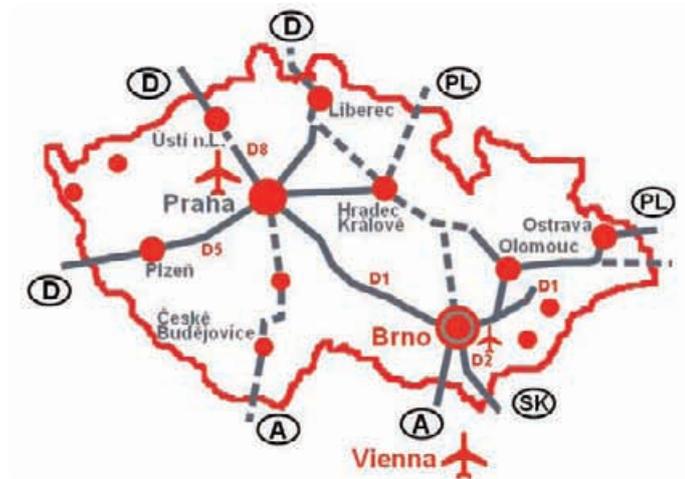
The place for the congress will be the Brno Congress Center situated at the Brno Trade Fair area. Brno Trade Fairs (BVV) is one of the prominent trade centers in the whole of Europe. It provides the wide range of space and facilities for mass presentations and for all Congress activities (lectures, Commissions and Working Group sessions, banquets, informal meeting points, poster areas, UIS Bureau rooms, etc.).

Large parking areas are located in front of the BVV, together with bus and tram stops with links to the city center and main traffic routes.



## Transportation

The city of Brno is located along the main roads and railways of the Central Europe and very easy to reach.



### By plane:

The nearest international airport is 20 km away from the congress site and 7.5 km from the center of the city. The Brno International Airport is of category I. ICAO, but the number of available international flights is limited with direct flights mostly from London (Stansted or Luton), Alicante, Milan, Rome, and Moscow.

The main international airports in the region are in Vienna (120 km) and Prague (200 km), which are served by most airlines, where travelers can reach Brno by car in approximately two hours.

### By rail:

Brno is very well connected by railways at the junction of north-south and east-west principal routes, where the most important are EuroCity trains between Prague and Vienna or Budapest. Brno Main Station is located next to the city center and it is easy to get to the congress site by a streetcar or taxi.

### By car:

The city of Brno is directly connected to the network of European highways. It is at the junction of Czech Highways D1 (Prague–Bohumin with connection further to Katowice and Krakow in Poland) and D2 (Brno–Bratislava in Slovakia with the best connection also to the Vienna International Airport) and motorway R52 going south in the direction of Vienna.

The best way how to get to the congress site is to get to highway D1 and leave it at exit 190 to the BVV Trade Fairs. The target coordinates for your GPS devices is N 49.188548 E 16.586437.

## Airport Transportation

From July 20 to 21 and from July 28 to 29 the transportation between the Congress Center and the Brno International Airport and between the Congress Center and the Vienna International Airport will be provided. The conditions and exact times will be provided later; please consult the Congress websites <http://www.speleo2013.com>.

## Accommodations

We have prepared a variety of accommodations for you; all the facilities are situated within a 5 to 15 minute-walk of the Congress Center.

### Hotels

In the immediate proximity of the Congress Center are several hotels of various categories. We have booked the full capacity of the **Voroněž Hotel** for the Congress participants. The hotel is situated within a 5 minute-walk of the Congress Center and provides maximum comfort.

<http://www.orea.cz/en/orea-hotel-voronez-i>



**The Garni Hotel** is situated within a 15 minute-walk of the Congress Center and in the neighborhood of the University Campus. Prices are for one person per night, breakfast inclusive.

<http://www.skm.muni.cz/ubytovani.php?akce=39&lang=en>



## Dormitories

The University Campus is situated within a 10 minute-walk of the Congress Center and offers twin bedded students' rooms equipped with a kitchenette, WC and shower room. In addition four-bed rooms are available, each with a WC, and one small kitchen shared with other rooms. Internet connection is available in all rooms. In the complex are several shops, snack bars and cafés. Accommodation in dormitories must be ordered using the on-line application form. Prices are for one person per night.

<http://www.skm.muni.cz/ubytovani.php?akce=100&lang=en>



## Campground

The simple campsite is situated on the bank of the Svatka River within a 15 minute-walk of the Congress Center. You must bring your own tent; mobile toilets and shower rooms are available. There is a restaurant in the campsite. Fire making is prohibited! Accommodation in the campground must be ordered using the on-line application form. Prices are for one person per night.



If you do not book accommodation from the above selected facilities with special Congress prices, you can book other accommodations from the following:

<http://www.booking.com/city/cz/brno.htm>

<http://www.tripbase.com>

<http://www.hibrno.cz>

<http://www.a-brno.com>

# Congress sessions and call for papers

## Presentation Subjects

All proposed presentations should be related to speleology, but can encompass any scientific, technical, cultural or educational aspect. The 16<sup>th</sup> ICS will offer general sessions and special sessions, listed below. Most of them will include invited presentations and all will welcome volunteer submissions. If you are interested in participating in any of the sessions, please, see the instructions below and follow the website for more information on submitting papers.

- Session 1. History of Speleology and Karst Research
- Session 2. Archaeology and Paleontology in Caves
- Session 3. Exploration and Cave Techniques
- Session 4. Karst and Caves in Carbonate Rocks, Salt and Gypsum (Geology, Geomorphology, Geophysics, and Natural Resources)
- Session 5. Karst, Pseudokarst and Caves in Other Rocks (Geology, Geomorphology, Geophysics, and Natural Resources)
- Session 6. Speleogenesis
- Session 7. Modelling in Karst and Cave Environments
- Session 8. Biospeleology, Evolution, Ecology and Threats
- Session 9. Geomicrobiology of Cave and Karst Environments
- Session 10. Protection and Management of Karst, Education
- Session 11. Medicine, Philosophy, Social Aspects
- Session 12. Extraterrestrial Karst
- Session 13. Other Topics

- Special Session 1. The Role of Speleogenesis in Karst Hydrogeology and Evolution
- Special Session 2. Cave Mineralogy
- Special Session 3. Cave Climate and Paleoclimate Record of the Global Change
- Special Session 4. Sandstone Landscapes
- Special Session 5. Karst and Cave Survey, Mapping and Data Processing
- Special Session 6. Speleological research and activities in artificial underground

## Deadlines and General Conditions

All paper must be in English. A second abstract in one of the other official languages of the UIS (French, German, Italian, Russian, and Spanish) may also be submitted with the paper.

When submitting your papers, identify the session for each papers and indicate if you prefer to give an oral or poster presentation.

Deadline for full papers submission is **1<sup>st</sup> of November 2012!** There is no separate abstract submission, however abstracts are requested for the poster presentations.

The Scientific Committee will notify successful authors that their papers have been accepted by the **15<sup>th</sup> of December 2012!**

If the paper is accepted, the deadline for revisions and copyright release is the **10<sup>th</sup> of January 2013!**

Papers will be accepted and published only if the author (or at least one of the authors for joint work) has paid the Full Participant registration fees. Papers, and revised papers submitted after the deadline and/or not in the required format will not be accepted.

**Detailed information about format and submission proces will be publish in the congress website after registration opens.**

## Congress program

### UIS Commissions, meetings, workshops

The meetings of individual UIS Departments, Commissions and Working Groups, as well as of national and regional speleological associations, and many other meetings and workshops will be a very important part of the Congress. A detailed overview will be on the ICS website.

### Salons

During the 16<sup>th</sup> ICS the following salons will be held:

Photo Salon – a traditional competition and exhibition of photographs relating to the issue of the underground, karst and caves

Cartographic Salon – a competition and exhibition of cave maps

Art Salon – a competition and exhibition of the arts relating to the underground, karst and caves

A detailed overview of categories and competition conditions will be provided later on the Congress website.

### Spelemedia

Spelemedia is a continual presentation of your video, slideshows, and 3D contributions relating to the underground, karst and caves that need not necessarily be related to the Congress topics and need not be registered in the Congress program in advance. The location and presentation schedule will be announced at the Congress. The three best presentations shall be awarded a prize in the Spelemedia competition based on voting by the people who watch them.

### SpeleOlympics

SpeleOlympics is a competition in caving skills that will be tested using prepared simulators. A detailed overview of categories and competition criteria will be given later on the Congress website.



## Posters, and vendor and exhibition booths

The Congress Center has an architecturally unique area of 4,000 sq. meters available for posters, and booths for vendors and exhibitors, will be located a few steps from the registration desk in Pavilion A2. You can select from a choice of several types of booths with an area from 4 to 20 sq. meters. For the candidates of the 17<sup>th</sup> ICS, a presentation booth shall be provided free of charge, as well as a limited number of booths for speleological associations. An overview of exact types and prices will be provided later on the Congress website.

## Social program

### Opening party – Czech National Day

The opening evening party will be held on the first day of the Congress, Sunday evening, 21 July. If weather conditions are favorable, the party will be held outside, in case of rain it will take place in large-capacity tents with a “Speleobar” available. The opening party shall include a presentation of Czech traditions and catering. The party admission fee is included in the registration fee.

### ICS Banquet

The traditional closing evening party will be held in the premises of Pavilion A1 on Saturday evening, 27 July. During the evening party the traditional UIS prizes shall be awarded. The admission fee is included in the registration fee.

### Concert of “The Druhá Tráva” band

An open-air concert of this excellent and internationally renowned Czech bluegrass band will be held exclusively for the Congress participants. The concert admission fee is included in the registration fee. For more information about the band, please visit the websites: [www.druhatrava.com](http://www.druhatrava.com).

### Donors’ Evening

This very special evening is for participants who want to experience something extraordinary and, at the same time, to contribute through this events as individual donors to the 16<sup>th</sup> ICS. It will begin with a sightseeing tour to the Starobrno brewery where the participants will enjoy learning the tradition of beer brewing in Brno, followed by a special tasting and entertainment. An opulent genuine Czech dinner feast will follow! For a limited number of participants—unsuitable for vegetarians or those who do not eat pork. A list of participants – individual donors of the 16<sup>th</sup> ICS shall be posted in the Congress premises.

### UIS Prizes

The UIS will give cash prizes for the most significant discoveries since the previous ICS and the best poster at the ICS. It will also give special recognition to the most important book published since the previous ICS. See the congress website for details.



## Congress schedule

General Congress schedule										
Time	20 July Saturday	21 July Sunday	22 July Monday	23 July Tuesday	24 July Wednesday	25 July Thursday	26 July Friday	27 July Saturday	28 July Sunday	29 July Monday
Morning		Registration of UIS delegates, installation of stands (all day)	Sessions, symposia and meetings	Sessions, symposia and meetings	Wednesday Congress excursion	Sessions, symposia and meetings	Sessions, symposia and meetings	Sessions, symposia and meetings	Hot news	Depart for post-ICS Field Trips (all day)
Afternoon	Registration (all week) Return from ICS Field Trips (all day)	UIS General Assembly	Sessions, symposia and meetings	Sessions, symposia and meetings	Wednesday Congress excursion	Sessions, symposia and meetings	Sessions, symposia and meetings	Sessions, symposia and meetings	UIS General Assembly	
Evening		ICS opening Ceremony – Czech National Day		Donors' evening	Concert "Druhá Tráva"	Photo Salon		ICS Banquet	Depart for post-ICS Field Trips (afternoon)	

# **EXCURSIONS**

# Congress Wednesday excursions

## WED1 – Excursion to the Punkevní Caves and Macocha Abyss

We will go by bus to Skalní Mlýn (Rock Mill) in the Moravian Karst. Due to the shutdown of obsolete mill plants and the development of travel and tourism in the Moravian Karst which was once called “Moravian Switzerland”, the mill has found a new use as the Skalní Mlýn Hotel. It has an tourist information center and an office that sells tickets to caves, that are open to the public and for transportation to the Punkevní Caves and to Macocha Abyss by road-trains and then cableway.

We will go by road-train from Skalní Mlýn, through the Punkva Valley and upstream along the river of the same name as far as the Punkevní Caves.

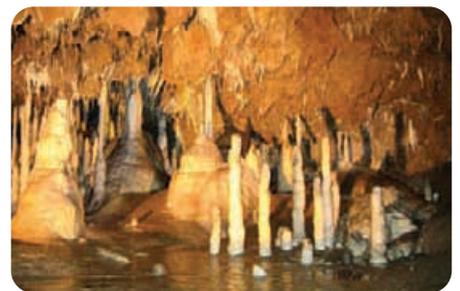
The Punkevní Caves are the most popular caves in the Moravian Karst. They became popular because they make the bottom of the Macocha Abyss accessible to visitors who can at the same time make a romantic boat cruise on the subterranean Punkva River. About 180,000 visitors come each year to these most significant and tourist accessible caves of the Moravian Karst.

After the sightseeing tour in the Punkevní Caves we will go to the Macocha Abyss by cableway built in 1995. The cableway climbs 140 meters, and is the steepest cableway in Central Europe.

The first written records on Macocha Abyss date back to 1663 and it was 1723 when someone demonstrably climbed down to the bottom.

Macocha Abyss is more than 138 meters deep, and the deepest abyss of that kind (“Light hole”) in Central Europe. The upper part of the abyss is 174 meters long and 76 meters wide. On the abyss edge are two lookout bridges. The first one, the Upper Bridge, was built in 1882 and is situated in the highest point, while the second one, the Lower Bridge, was constructed in 1899 and is situated 92 meters above the lower part of the abyss and offers a very good view of the abyss bottom.

A bus will be waiting near the bridges to take us back to Brno.



## WED2 – Excursion to the Sloupsko-Šošůvské Caves and Macocha Abyss

We will go by bus from Brno to the entrance to the Sloupsko-Šošůvské Caves in the Moravian Karst.

The caves represent a huge complex of domes, corridors and vast subterranean abysses formed on two levels. The Sloupské Caves include Eliščina Cave with rich speleothem decorations and excellent acoustics, Staré skály and the Stupňovitá Abyss with their long and rich history, and the huge subterranean Nagelova Abyss. “The Candlestick” stalagmite is the symbol of the caves and “wasp nest” type speleothems are particularly interesting. Černá Abyss will be a highlight of the tour. Speleologists can proceed from Černá Abyss to Komenského Cave which contains another abyss that has allowed exploration of the Sloup waters flowing toward Macocha Abyss. It was here where divers connected the system of the Amatérská Cave with that one of the Sloupsko-šošůvské Caves.

Sightseeing in the Sloupsko-Šošůvské Caves will also include a tour of Kůlna Cave where 120,000 years old fragments of a Neanderthal skull were found.

Then we will go by bus from the Sloupsko-Šošůvské Caves to Macocha Abyss.

The first written records on Macocha Abyss date back to 1663, and it was 1723 when someone demonstrably climbed down to the bottom.

Macocha Abyss is more than 138 meters deep and the deepest abyss of that kind (“Light hole”) in Central Europe. The upper part of the abyss is 174 meters long and 76 meters wide. On the abyss edge are two lookout bridges. The first one, the Upper Bridge, was built in 1882 and is situated in the highest point, while the second one, the Lower Bridge, was constructed in 1899 and is situated 92 meters above the lower part of the abyss and offers a very good view of the abyss’ bottom.

A bus will be waiting near the bridges to take us back to Brno.



# Congress one day non-caving excursions

## NC1 – The most attractive tourist places in the Moravian Karst

The Moravian Karst is the most famous and the most significant karst area in the Czech Republic. It is a beautiful landscape situated north of Brno with more than one thousand caves out of which five are open to public. Widespread systems of stalactite and stalagmite caves reveal specifics that can be observed from the surface, i.e. falling water streams, sinkholes, deep valleys with limestone rock formations, and Macocha, the greatest abyss of its kind in Europe. Besides the natural beauties, we will visit historical religious buildings – the unique 500 year-old altar from Zwettel in Adamov, the famous parish church by Santini in Křtiny, and interesting technical monuments such as the oldest preserved foundry in Central Europe and the windmill in Rudice.

**Date:** Monday July 22

**Transportation:** about 100 km total by bus, 5 km of walking

**Type of trip:** touristic and educational, natural beauty and historical monuments, light hiking, short routes



## NC2 – Lednice-Valtice Cultural Landscape – a UNESCO World Cultural and Natural Heritage Site

The Lednice-Valtice Cultural Landscape is situated south of Brno and is one of the most valuable gems in the treasury of historical and cultural monuments of the Czech Republic. Since 1996 it has been inscribed on the list of UNESCO's World Cultural and Natural Heritage Sites. The floodplain landscape with the greatest preserved remainder of a floodplain forest in the territory of Europe comprises a composed landscape complex covering an area of about 300 sq. km with two chateaus and minor romantic buildings such as colonnades, sculptures, forest temples and hunting lodges, where the park gardens are freely merging into the landscape with rare tree species, built ponds, and water channels. From as early as the Middle Ages extensive building development in this area had been connected with the House of Lichtenstein which, in the 18<sup>th</sup> Century, began to use the complex for stately purposes. The complex belongs among the greatest parks in Europe created by human hand.

Within our whole-day program, we will visit the chateau's romantic fairy-tale chateau of Lednice rebuilt in the Tudor Gothic Style in the middle of the 19<sup>th</sup> Century. The interior contains a museum of marionettes and stately rooms intended for grandiose meetings of European aristocracy documenting the aristocratic way of life in 19<sup>th</sup> Century. The chateau is surrounded by a breath-taking French formal garden where it is possible to visit a tropical hothouse with exotic plants, an exhibition of sea aquaria or a birds of prey show. We will make a short boat cruise down by the branches of the Dyje River which offers exceptional views of the chateau park, floodplain forests and magical stately decorative buildings of the former chateau estate, the Minaret and Janův hrad Castle.

**Date:** July 23

**Transportation:** about 120 km total by bus, 1 hour boat cruise

**Type of trip:** educational, landmarks, not physically demanding



## NC3 – The Pálava – UNESCO biospheric reserve

The Pálava is situated about 50 km south of Brno, amidst the ancient cultural landscape of southern Moravia that belongs to the longest continuously inhabited places in the Czech lands. It was here that prehistoric camping sites of mammoth hunters were discovered and the world-renowned ceramic statue Venus of Dolní Věstonice was found. In the picturesque landscape of sunlit vineyards, historical monuments and natural beauties, rise steep limestone formations called the Pálava Hills (also called Pavlovské Hills). The area is the habitat of many protected, unique plants and animals, and offers interesting terrains for mountaineers and hikers. The Pálava and its surroundings represent a good example of a balanced man-to-nature relationship, which results in picturesque cultural landscape. In 1986, the Pálava was recognized as an integral part of the international network of biospheric reserves within the Man and Biosphere Program. The area has also become a popular destination for wine tourism. The whole-day trip consists of a hiking tour across the Pálava Hills, offering splendid views of the surrounding landscape, and will end in the historical town of Mikulov – one of main centers of viticulture in the Czech Republic and well-known for many remarkable landmarks. In the town, there is also the Na Turoldu Cave that is accessible for tourists. While travelling by bus, we will admire the picturesque scenery. In case of unfavorable weather we will visit cultural monuments instead of hiking.

**Date:** July 22

**Transportation:** about 140 km total by bus, 13 km by walking

**Type of trip:** hiking-educational, natural beauty and landmarks, light hiking



## NC4 – The Kroměříž chateau and gardens – a UNESCO World Cultural and Natural Heritage Site

The town of Kroměříž, also referred to as “Athens of Haná”, is situated about 70 km east of Brno. In 1997, it was proclaimed the most beautiful historical town in the Czech Republic, and one year later the local Archbishops Chateau together with the Flower Garden and the Chateau Garden were inscribed on the list of UNESCO World Cultural and Natural Heritage Site. The huge Early Baroque Archbishops Chateau with both adjacent gardens belongs among the most significant historical monuments in Moravia, as well as in the whole Czech Republic. For centuries, the residence in Kroměříž had been used as a summer seat of the bishops and archbishops of Olomouc. After the destruction of the former Gothic-Renaissance palace by Swedish troops during the Thirty Year War, a splendid Early Baroque prince residence had gradually arose, featuring Italian style elements as interpreted by the architects of the Vienna imperial court. One of the most valuable chateau interiors in Central Europe houses, among other treasures, the world-renowned picture gallery includes a real jewel, the painting “Apollo and Marsyas” by Tizian (the most valuable painting in the Czech Republic).

Visitors to the chateau can make two sightseeing tours and see tens of spacious stately and residential rooms. Their attention will be attracted by the rich decorations of interiors and extraordinary valuable original furniture collections.

The splendor of both chateau and town is underlined by two jewels of garden architecture. Adjacent to the residence is the Chateau Garden which was founded in the Middle Ages and remodeled into a natural landscape park in the English informal style in the 19<sup>th</sup> Century. In contrast, the Flower Garden from the second half of the 17<sup>th</sup> Century was designed in Early Baroque Italian style. It has acquired much fame, and its architectural design together with rich flower decorations represent quite a unique complex that has not been preserved at such an

extent and authenticity anywhere else in Europe.

**Date:** July 26

**Transportation:** about 150 km total by bus.

**Type of trip:** educational, landmarks, not physically demanding.



## NC5 – Hranice Karst – a unique hydrothermal karst with the deepest abyss in the Czech Republic

The Hranice Karst is a small limestone “island” close to the town of Hranice in central Moravia. However, its location at the boundary of two geological units, the Bohemian Massif and the Western Carpathians, has driven its exceptional geological development. The local caves and abysses have been created not only due to the effect of usual shallow ground water flow but also by springs of hot acidic water rising from great depths along geological faults. Zbrašov Caves with their unique aragonite decorations, gas lakes and an exceptional microclimate represent the largest cave system of the Hranice Karst. We will also visit the famous Hranice Abyss, the deepest abyss in the Czech Republic, though its bottom has not been reached yet. Probes in 2006 have so far measured a total depth of 289.5 meters and K. Starnawski set the diving depth record for the Czech Republic in 2012 at 196 meters. The limestone of this area is used for the cement production; in the premises of local cement works it is possible to see preserved coastal rocks worn away by tidal waves of the Tertiary sea with preserved traces of boring clams. In addition to the natural beauties, we will visit the spa town of Teplice nad Bečvou which balneological history dates back to the 16<sup>th</sup> Century; nowadays, it is a top spa facility intended for modern cardiac rehabilitation. Mineral water with a high content of carbon dioxide is applied as a basic preparation for treatment. In addition to traditional care, the spa offers a great choice of treatments including bathing cures for relaxation and recreation using the acidic spring water containing carbon dioxide. You can also try the mineral water from some local springs, spend your time in the nice environment of spa cafés or enjoy a walk in the spa park.

Hranice boasts a preserved historical center, a town hall with a lookout tower, an Austrian Imperial-Royal military academy, a Jewish cemetery, a synagogue, and historical railway viaducts all of which will be appreciated by lovers of technical monuments. Not far from the town you will also see a monument indicating the lowest point of the drainage divide between the Black and the Baltic seas, at 320 meters above sea level.

**Date:** July 25

**Transportation:** each journey is 90 km by bus, 5 km by walking. Cave sightseeing tour: 1 hour, temperature 14 °C

**Type of trip:** educational, not physically demanding, and for those interested in relaxation



**More options for one day excursions will be available during the congress.**

# Pre-Congress Excursions and Field trips

## B1CZ – Show caves and UNESCO monuments in the Czech Republic

### Contact person (name; e-mail; phone)

David Havlíček; havlicek.david@seznam.cz; +420 257 761 814 (evenings)



The trip is organized for everybody who wants to know as much as possible about the natural and historical heritage of the Czech Republic. During the trip we will visit some show caves not in the Moravian karst (you can visit them during the congress), sandstone rock cities (i.e. Teplice – ADRŠPACH), old mines (i.e. in Kutná Hora), ancient cities (Prague, Kutná Hora, Český Krumlov, etc.), castles (i.e. Karlštejn) and a lot of the other natural and historical monuments in the Czech Republic. We will use trains and buses as the modes of transport and middle/lower range hotels as the type of accommodation. During the day trips you will have an opportunity to have lunch and dinner in restaurants. You will need not any equipment. Light, sport shoes and dress are recommended. The fee includes all the transport, accommodations with breakfast, all entry fees, guidebook, professional guides and refreshments in special cases (i.e. visit of brewery). For those coming by their own cars, we are ready to arrange parking in Prague, but additional fees to transport the drivers back to Prague may need be paid.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Prague, University dormitory Petrska 3, 14.7., afternoon	Brno, 20.7., evening	25	40	NO	NO	Breakfast	NO	YES

1) SRT means "Single Rope Technique" equipment

## B2CZ – Caving in the Moravian Karst (speleocamp focused on caving)

### Contact person (name; e-mail; phone)

Petr Polak; ppolak@speleo.cz; +420 733 698 919



Speleocamp is intended for the cavers of all levels of experience. During the five day program – participants can choose from about 16 different caves tours of various difficulties, throughout the central and northern parts of Moravian Karst. Among these, the famous Amaterska Cave, cave system Rudické Propadání – Býčí skála are included.

Each participant should have their own equipment, including helmets and adequate lighting. For some caves SRT equipment is necessary as well. The environment is mostly dry with occasional wading. Temperature +6 °C, humidity 95 %.

Transportation for the excursions will be provided each day by bus from the accommodation according to a prepared schedule. Accommodations for the participants will be provided in small cabins with separate bathrooms, or in bungalows.

The price includes: participation in excursions, guides, transportation for field trips, transportation from Brno – the airport to the speleocamp, transport to the Congress, accommodation, breakfast and dinner, attendance at the evening social event, excursion guides, carbide.

The price does not include: lunch, caving equipment, meals during the excursion.

There are many opportunities to buy individual meals near the camp.

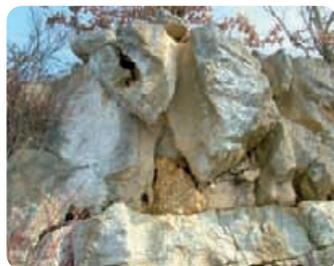
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno – airport, 15.7., afternoon	Brno, 21.7., morning	50	150	NO	NO	Breakfast & dinner	NO but several SRT trips included	YES

1) SRT means “Single Rope Technique” equipment

## B3CZ – The most interesting karstological phenomena of Moravia (guided field trip)

Contact person (name; e-mail; phone)

Jiří Otava; jiri.otava@geology.cz; +420 724 073 789



The trip is prepared for those interested in the most spectacular and important surface and subterranean karst phenomena and localities of the eastern part of the Czech Republic (Moravia and Silesia). The field trip includes the Hranice karst – area of polycyclic karst development at the boundary of the Variscides of Bohemian Massif and the Alpides of West Carpathians (Central European Polycyclic Karst). The history of research of the hydrothermal origin of the deepest Hranice abyss will be presented and explained. Karst at Silesia (Na Špičáku) reflects the influence of continental glaciation. You will have the opportunity to see spectacular Middle Devonian paleokarst contacts in the Moravian Karst (Suchdol Ponor). Cretaceous paleokarst localities include the history of iron mining (Rudice). Except for the tourist caves you will need common speleo equipment for several caves of medium difficulty (Na Pomezí, Suchdol Ponor).

The fee includes all transport by bus, board and pension/guest house lodging, guidebook and professional guides. The first part of the trip will start from a site near Olomouc, the second part will be situated in the Moravian Karst. Approximate daily transports will be between 30 and 80 km, only one day will exceed 150 km.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Brno, Czech Geological Survey, Leitnerova 22, 15.7., 17:00	Brno, 20.7., evening	20	40	NO	NO	Breakfast	NO	YES	caving gear

1) SRT means "Single Rope Technique" equipment

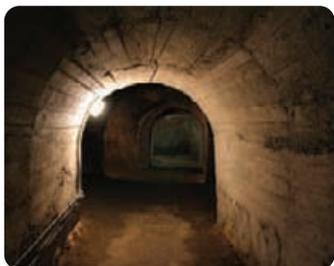
## B4CZ – Czech – cradle of European mining (historic and recent artificial underground)

Contact person (name; e-mail; phone)

Martin Knizek, Ivan Poul; ivan.poul@igeo.cz; +420 603 321 028



This pre-congress trip is organized for everybody who would like to discover a cradle of European mining in Bohemia and Moravia (Czech Republic). During the trip we will visit historical silver mines in Kutna Hora city (UNESCO World Heritage Site), old mine and mining museum in Pribram (lead, zinc, silver, and uranium ore deposits). In 1875 Vojtech mine in Pribram was the first to exceed a depth of 1,000 m. Other stops will include additional historical and recent underground sites, e.g. ancient city Jihlava. The last stop will be at the historical underground in the town of Znojmo. Znojmo is also well known for its top-class wines where wine cellars will be visited for wine-tasting.



We will use a bus as the mode of transport and middle/lower range hotels for accommodation and breakfast. During the day trips you will have the opportunity to eat a lunch in restaurants. You will need not any equipment. Light, sport shoes and dress are recommended. The fee includes all transport, accommodation with breakfast, all entry fees, guidebook, professional guides and refreshment in special cases (i.e. visit of wine cellar). For those coming by their own cars, we are ready to arrange parking in Prague, but additional fees to for transport drivers back to Prague may need to be paid.

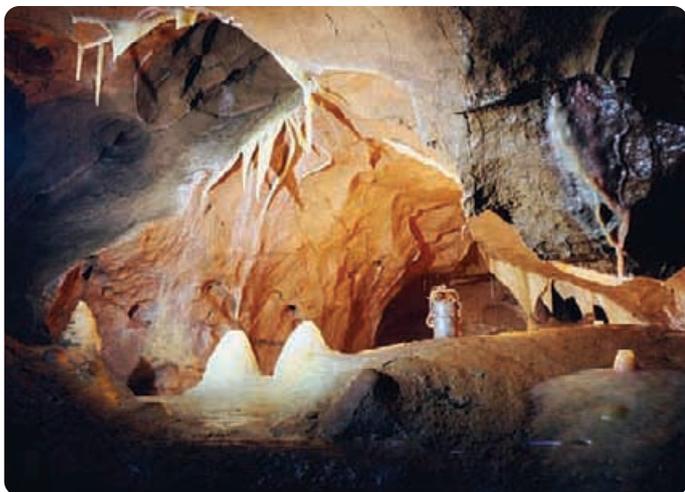
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Prague, airport, 12.7.	Brno, 20.7., evening	20	35	NO	NO	Breakfast	NO	YES

1) SRT means "Single Rope Technique" equipment

## B5CZ – Czech Karst (guided field trip)

### Contact person (name; e-mail; phone)

Karel Žák; zak@gli.cas.cz; +420 233 087 215



The trip is planned for participants interested in development of paleokarst and karst during extended periods of time from the Cretaceous to Recent. The Czech Karst is a small karst region of the Czech Republic developed in Silurian and Devonian limestone with abundance of karst features formed hydrothermally during an early stage of karst development, under phreatic conditions, and with unusual types of speleothems including pre-Quaternary types and speleothems with opal. Caves with deposits of Tertiary and Quaternary vertebrate fauna, and archaeological cave sites will be also visited, as well as localities of Holocene calcareous tufa with caves. The field trip is planned to show an overview of the evolution of Czech Karst from the Cretaceous to the present. It includes short surface walking trips (maximum of 5 km), one show-cave visit, and eight relatively short, easy to moderate underground cave trips (short crawl passages, short rope or fixed steel ladders). All visited sites are within several kilometers from the site of accommodation.

The fee includes the printed guidebook and professional guides (geoscientists), hotel accommodation with breakfasts and dinners, transportation from the Prague airport, transportation during the field trip, and transfer to Brno after the field trip termination. An optional reduced fee is offered for participants who go directly to the accommodation site, use their own cars for the short drives during the trip, and will arrange their own transportation to Brno after the field trip.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Prague Airport Terminal 1, 15.7., 18:00; option: directly at Svätý Jan pod Skalou (hotel)	Brno, 20.7., evening	10	25	NO	NO	Breakfast & dinner	NO	NO

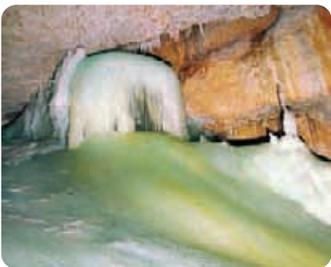
1) SRT means "Single Rope Technique" equipment

# B1A – Ice caves of Austria (excursion to six of major ice caves)

## Contact person (name; e-mail; phone)

Lukas Plan; lukas.plan@nhm-wien.ac.at; +43-699-19522648

Werner Haupt; hauptwerner@gmx.at



This trip is designed for cavers interested in the beauty of Alpine ice caves.

This trip will visit show caves as well as undeveloped ice caves which require SRT, crawling and the use of crampons. Long and steep uphill walks in the Alpine environment are required.

The sites include some of the most impressive ice caves of the Austrian Alps. Among others we plan to visit Eisriesenwelt, Dachstein-Rieseneishöhle, Eiskogelhöhle, Schwarzmooskogel Eishöhle. However due to weather and other conditions this cannot be guaranteed. We will use nine-seater vans for transportation and stay in bed and breakfast-type double rooms for most nights (single rooms, if available, require extra payment on site). At least once we will use an alpine hut and sleep in communal bunks (thin sleeping bags required). During the day trips we eat lunch and dinner either in restaurants or in the field (not included in the fee). Full caving equipment is required (light, helmet, speleo-suit, boots, gloves, kit-bag, full SRT equipment, and crampons) and be prepared for cold conditions (around or below freezing). Also outside be equipped for bad weather (even snow) as we visit karst areas at 2,300 m above sea level (rain jacket, gloves, cap, mountain boots, and back-bag).

The fee includes transportation, accommodation and breakfast, all entry fees and a guidebook. Travelling with private cars is not recommended. The conference organizer is ready to arrange for parking in Salzburg or Vienna during this trip, but costs for the transfer from Brno to Salzburg or Vienna for drivers are not included in the fee.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Salzburg, main railway station 14.7., 12:30 (or Vienna, Natural History Museum, Burgring 7, 1010 Wien, 7:45)	Brno, 20.7., evening	10	15	YES (thin one for alpine hut)	NO	Breakfast	YES	YES	Crampons, steep hikes in karst terrain up to 4 h

1) SRT means "Single Rope Technique" equipment

## B1H – Budapest hydrothermal caves (Hungary)

### Contact person (name; e-mail)

Leader: Szabolcs Leel-Ossy; losz@geology.elte.hu

Contact person: Ms. Nora Fleck; mkbt@t-online.hu

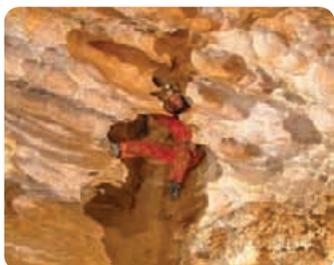


The pre-conference trip is 3 days long (2 nights). We will visit the typical thermal karstic caves of Budapest, Hungary: Pálvölgyi, Ferenc-hegyi and József-hegyi Cave. The participants have to use their own caving equipment (overall, helmet, rubber boots and electric lamp), vertical equipment is not needed.

After the trip participants will be transported to Brno by bus.

The accommodations will be in speleo camp; participants must bring their own tent.

The maximum number of participants is 15 persons.



Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required
		Min.	Max.				
Szemlő-hegyi Cave: Pusztaszeri út 35. 10:00, 17.7.	Brno, 20.7., evening	6	15	YES	YES	Dinner	NO

1) SRT means "Single Rope Technique" equipment

## B2D – Caves and castles between Munich and Brno

### Contact person (name; e-mail; phone)

Baerbel Vogel; b.w.vogel@gmx.de; +498657983787



- Excursion “caves and castles”
- Bus excursion to show caves and culture in the area of Bavaria, Germany and Salzburg, Austria
- From July 13 to 20 2013

- 1<sup>st</sup> day: starting in Munich – sightseeing Munich  
 2<sup>nd</sup> day: Füssen – castle Neuschwanstein  
 3<sup>rd</sup> day: Wendelstein show cave and Chiemsee Islands (convent and castle)  
 4<sup>th</sup> day: Berchtesgaden – National Park – Königssee – glaciercave at watzmann east wall (1.5 hours walk)  
 5<sup>th</sup> day: sightseeing Salzburg  
 6<sup>th</sup> day: Eisriesenwelt showcave and sightseeing Hallstadt  
 7<sup>th</sup> day: Dachstein Rieseneishöhle, Mammuthöhle and Bad Ischl or surface Krippenstein  
 8<sup>th</sup> day: sightseeing Vienna and Brno

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.				
Munich, 13.7. (hotel will be announced)	Brno, 20.7., evening	8	50	Hotel***	NO	NO	NO

1) SRT means “Single Rope Technique” equipment

# B1RO – Caves and karst in Apuseni Nature Park (Romania)

## Contact person (name; e-mail; phone)

Paul Lacobas; contact@apuseniexperience.ro; +40745602301



The Apuseni Mountains (Western Carpathians) are a paradise for cavers and nature lovers, sheltering more than 7,000 caves (Among them are the longest cave in Romania, the deepest cave in Romania or the most impressive karst phenomena in Eastern Europe: Cetatile Ponorului Cave and many more). Not far from the Apuseni Mountains, in the capital of Transylvania, the city of Cluj Napoca holds the first Institute of Speleology, established back in 1920 by Romanian scientist Emil Racovita, the founder of biospeleology. The majority of the Apuseni Mountains areas are protected by many nature reserves, Natura 2000 sites and Apuseni Nature Park, the home of iconic protected species of flora and fauna and outstanding karst landscapes.

Explore the highlights of karst and caves in Apuseni Nature Park: Bears Cave (richness of speleological formations and a large number of fossil remains of cave bears), Cetatile Ponorului karst phenomena (the most grand karstic phenomena in Romania), Focul Viu Ice Cave, Scarisoara Ice Cave (the largest and the oldest underground glacier in the world), Coiba Mare Cave (the largest cave entrance in Romania), Taus karst spring (the deepest explored underwater passage in Romania with a depth of -87 m. and Ghetarul de la Vartop Cave, well known for its human footprints from prehistoric times, of which only one was preserved, the other being stolen.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Oradea railwaystation, 15.7., 16:00	Brno, 20.7., evening	4	15	NO	NO	Breakfast & dinner	NO	NO

1) SRT means "Single Rope Technique" equipment

# B1SL – Speleological excursion to the Dinaric Karst of Slovenia (guided field trip)

Contact person (name; e-mail; phone)

Mateja Ferk; mateja.ferk@zrc-sazu.si; +38614706358



The Dinaric Karst of Slovenia is one of the important karst regions in the world because of its distinct phenomena, sinking rivers, large springs, huge cave entrances, and cave and karst research that started centuries ago. In the 19<sup>th</sup> Century the area was the theatre of classical karst research, the cradle of speleology and biospeleology. Many terms originate from this region (e.g. polje, doline, ponor...). The UIS was founded here and has permanent offices in Postojna. The excursions will be focused on important areas and caves of the Slovenian Classical Karst. We will visit characteristic surface karst features like Cerknica and other karst poljes, collapse dolines, unroofed caves, ponors and karst springs of Ljubljana and Timavo rivers and many spectacular caves. Among them will be Škocjanske Jame which are inscribed on the UNESCO world heritage list, the famous Postojnska Jama Cave, and numerous other features that are of significant importance for understanding of the complex hydrology of karst systems. You will have the opportunity to enjoy the karst landscape and breath-

taking caves of the Kras Plateau from which the term “karst” is derived.

Accommodations will be organized in Rakov Škocjan. The cottage provides dormitories for groups from three to seven people. You can use your own sleeping bags, otherwise bedding has to be paid extra (4 EUR/day). For all transportation during the week we will use vans. During the day trips you will have the opportunity to have lunch in restaurants (not included in the excursion fee). You will need helmets and lights, walking shoes (boots), sport clothing (note that the cave temperatures are around 9 °C; that the weather can be very changeable – if sunny up to 30 °C, if rainy less than 20 °C, and during the nights possibly less than 10 °C). Also hats and sunglasses are advised. You will not need any single rope technique equipment. The fee includes all the transport, accommodation with breakfast and dinner, all entry fees, guidebook and professional guides. Also the transport to Rakov Škocjan from Ljubljana and Postojna will be arranged.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Rakov Škocjan, 14.7., 13:00	Brno, 20.7.	12	14	Non-compulsory (bedding is paid extra)	NO	Breakfast & dinner	NO	YES

1) SRT means “Single Rope Technique” equipment

## B2SL – Sport caving in the Caves of the Dinaric Karst of Slovenia (speleocamp focused on vertical caving)

Contact person (name; e-mail; phone)

Mateja Ferk; mateja.ferk@zrc-sazu.si; +38614706358



The Dinaric or the Classical Karst is one of the important karst regions in the world. It is the area where karstology and speleology as sciences were born and many international terms originate from this region (e.g. polje, doline, ponor...). Here, the city of Postojna holds the permanent offices of the UIS. The trips will be focused on sport caving in distinctive karst areas of the Slovenian part of the Dinaric Karst. We will visit difficult but amazing caves of different types and with different characteristics that formed in specific environments within the Dinaric Karst region. Besides “hard” caving you will have also the opportunity to enjoy the beautiful and mysterious karst landscape where all sorts of karst features were formed (e.g. karst poljes, huge collapse dolines, deep blind valleys...), and many spectacular caves such as the Škocjanske Jame which is inscribed on the UNESCO world heritage list. Furthermore, you will descend more than 300 m deep into the Kras Plateau (the term “karst” is derived from the name of this region) to reach an underground river that created chambers of exceptional dimensions.

Accommodation will be organized in Rakov Škocjan, about 10 km from Postojna. The cottage provides dormitories for groups from three to seven people. You can use your own sleeping bag, otherwise bedding has to be paid extra (4 €/day). For all transportation during the week we will use vans. During the day trips you will have the opportunity to buy a lunch package (not included in excursion fee) for the caving trips. You will need your own complete personal single rope technique equipment (note that the cave temperatures will vary from 0 to 9 °C). The fee includes all the transport, accommodations with breakfast and dinner, all entry fees, guidebook and professional guides. Also the transport to Rakov Škocjan from Ljubljana and Postojna will be arranged.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Rakov Škocjan, 14.7., 13:00	Brno, 20.7.	5	10	Non-compulsory (bedding is paid extra)	NO	Lunch packs	YES	YES	See excursion description

1) SRT means “Single Rope Technique” equipment

# B1PL – Meridional speleo-traverse through the Central Carpathians and their northern foreland – confined speleogenesis in different settings (Poland)

Contact person (name; e-mail)

Michał Gradziński; [michal.gradzinski@uj.edu.pl](mailto:michal.gradzinski@uj.edu.pl)



## Main leaders:

Michał Gradziński, Andrzej Tyc, Pavel Bella

## General data

The trip is focused on the origin and development of subsurface karst in confined conditions in different geological settings. Later modifications of the caves will be presented and discussed as well. The participants will be familiarized with the caves originating: (i) Upper Jurassic microbial-spongy limestone belonging to the Carpathians foreland, (ii) highly deformed carbonate rocks building the Central Carpathian range, and (iii) paleokarst forms developed in Permian time under the influence of volcanic activity. Different palaeohydrological scenarios of cave origin will be discussed. Other interesting karst and geological stops (Demänovská Slobody Cave, recent travertines) as well as places of tourist interest (Kraków city center) will be shown on route as well.

## Preliminary schedule

The trip will begin in Kraków in the evening, so the participants will sleep in the same hotel, to make it possible to start efficiently in the morning the next day. Communication to Kraków is easy by plane (international airport, connections to many European cities) and by train (possible connection to Warsaw airport). The program of the last two days will occur with trip B2PL “The high karst of the Tatra Mountains”.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Krakow, 14.7., evening (hotel will be announced)	Brno, 20.7., evening	10	20	NO	NO	Breakfast + lunch + dinner	NO	Not necessary

1) SRT means “Single Rope Technique” equipment

# B2PL – The high karst of the Tatra Mountains (guided field trip, Poland)

## Contact person (name; e-mail; phone)

Ditta Kicińska; kicinska@amu.edu.pl; +48 502125216



**Main leaders:** Grzegorz Barczyk, Helena Hercman, Ditta Kicińska

## Description of the excursion:

The trip is focused on the origin and development of karst in the Tatra Mountains and the present karst hydrology of these mountains. The age of particular caves in the light of U-series dating of speleothems and its significance for geomorphic evolution of the Tatras will be discussed.

The visited caves require standard caving equipment i.e., helmets, lamps, overwear and seat harness for safeguarding at a short descent (3 m) and traverse (6 m) in Szczelina Chochołowska Cave, however, without SRT equipment.

During the trip dye-tracing tests will be carried out. The participants will be familiarized with the geology of the Tatras and their high-mountain karst relief: Some trips will last almost whole day in the picturesque mountain scenery; their vertical extent will exceed 800 m. Other interesting karst and geological stops as well as places of tourist interest will be shown on route as well.

The excursion will start in Kraków on the 14<sup>th</sup> July. Communication to Kraków is easy by plane (international airport, connections to many European cities) and by train (possible connection to Warsaw airport). The trip will end in Brno on the 20<sup>th</sup> July evening. On the route to Brno this excursion might join the “hypogenic” excursion (B1PL).

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Krakow international airport, 14.7., afternoon	Brno, 20.7., evening	10	15	NO	NO	Breakfast + lunch + dinner	NO	NO

1) SRT means “Single Rope Technique” equipment

Other special requirements: Cave wear, lights, seat harness and lunge for safeguarding at a short descent and traverse, touristic shoes and raincoat are necessary

# B3PL – Non-karst caves in the siliciclastic-clayey flysch of the Outer Carpathians

## Contact person (name; e-mail; phone)

Jan Urban; urban@iop.krakow.pl; +48 694670815

## Description of the excursion:

The excursion aims to visit several non-karst caves in the Polish Outer Carpathians (Beskids Mountains) and their Foothills. The caves developed mainly due to gravitational movements of sandstone and sandstone-shale series forming mountain slopes. Most of these caves are maze systems of crevices widened from joints. The length of the caves planned to visit varies from several tens of meters to almost 2 km. The deepest cave, Diabla Dziura (Devil Hole – 42 m deep) will be shown (its galleries are narrow and a rope ladder will be used). Apart from caves, the surface landforms characteristic for gravitational mass movements and associated with subsurface forms (caves) will be presented, therefore walks (1–2 hour long) in the mountains and accommodation in the mountain hut is planned.

The program of the first day strays from the main excursion subject. During this day the excursion participant will visit unique (and not accessible for tourists) natural caverns in salt deposits of Wieliczka Salt Mine (near Kraków) as well as Kraków Old City. In Kraków, evidence of the geological foundation of this ancient capital of the Polish Kingdom will be shown. The hypogenic karst cave Smocza Jama (Dragon Cave), situated in the King Castle hill should be the most interesting for speleologists.

Since the long, narrow and deep caves are planned to visit, the excursion might be regarded as moderately difficult. The participants need to have light, cave wears, tourist shoes and raincoats (or umbrellas), but rope climbing is not planned (rope ladder will be used). The accommodation is planned in hostels and mountain huts, meals – in hostels huts and restaurants. The participant fees include accommodation (hostels from 16/17.7. to 19/20.7.), meals, transport, tickets and (in Kraków) professional guide.

The excursion will start in Kraków on the 17th of July and participants will be transported to Brno on the 20th of July in the afternoon or evening. Since the excursion will begin early in the morning, arrival a day before (16th of July) to the Kraków (Cracow) airport or railway/bus station is recommended. Participants must inform the excursion leader about the time and location of their arrival so they can be met and taken to the hostel.

## Program of the excursion:

Site 1: Wieliczka Salt Mine–Crystal Caves, Carpathian Foredeep. Topic: unique natural caverns in Miocene clayey-sandy formation accompanying salt deposits of the Carpathian Foredeep.

Site 2: Kraków Old City and Wawel Royal Castle with Dragon Cave. Topic: geological foundation of Kraków City.

Site 3: Diabla Skąły and Diabla Dziura (Devil Stones and Devil Hole) in Mt Bukowiec, Carpathian Foothill. Topic: genetic diversity of cavities and caves conditioned by lithology, tectonics and weathering-gravitational processes of the Ciężkowice sandstones.

Site 4: Mt Wierch nad Kamieniem and Jaskinia Niedźwiedzia (Bear Cave), Beskid Sądecki Mts. Topic: role of gravitational processes in mountain slope modelling in flysch formations; Magura sandstones.

Site 5: Jaskinia Komonieckiego (Komoniecki Cave), Beskid Mały Mts. Topic: the largest non-gravitational cave in Polish Outer Carpathians; Istebna beds.

Site 6: Jaskinia Miecharska (Miecharska Cave) and surrounding landslide zone, Beskid Śląski Mts. Topic: unique maze cave system formed due to the fissure dilation; Godula beds.

Site 7: Jaskinia Malinowska (Malinowska Cave), Beskid Śląski Mts. Topic: crevice-type cave as a slope dilation form preceding the landslide development; Godula beds.

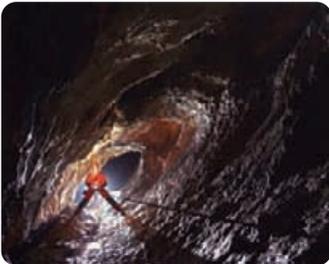
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Krakow, 16.7., Hostel TOURNET, Street Miodowa no 7, evening	Brno, 20.7., evening	10	17	NO	NO	Breakfast + lunch + dinner	NO (we will use rope ladder where needed)	NO	Cave wear, lights and touristic shoes + raincoat are necessary

1) SRT means "Single Rope Technique" equipment

## B5PL – Caving camp in High Tatras Mountains (Poland)

### Contact person (name; e-mail; phone)

Dariusz Sapieszko; [dariusz.sapieszko@pza.org.pl](mailto:dariusz.sapieszko@pza.org.pl); +48 501456797 (evenings)



The Tatras Mountains are the only alpine mountain range in Poland. Most of the Tatra's area is covered by Tatra National Park. ([www.tpn.pl](http://www.tpn.pl)). There are 810 known caves in the Polish Tatras. This excursions to the Tatra's caves is for everyone, from those who want to know the exacting world of the caves in the Tatras (eg. The 2–4 hour ascent to cave entrances and the most vertical systems which require SRT techniques), to those who want to admire the beauty of the limestone landscape on the surface, long pitches, and large chambers and speleothems in the caves. During the excursion we propose caving with a guide in:

- Cave System Wielka Śnieżna – the deepest cave system in Poland
- Cave System Ptasia Studnia – Lodowa Litworowa
- Cave Czarna
- other caves, depending on interests of participants and other conditions

Requirements: participants must know SRT techniques, and have their own personal caving equipment and clothes. Team equipment is not necessary. Please remember, that in the area of the Tatra National Park carbide lamp usage is prohibited. Please note that average yearly temperatures in Tatras caves are between 3 and 6 °C.

From the International Airport Kraków – Balice participants of the excursion will be transferred to Zakopane. Accommodation is arranged in a middle to lower range mountain house – <http://www.mrowca.pl/>. The costs of board are included.

Fees include the international transfer Airport Kraków Balice – Zakopane – Brno (Czech Republic). For those coming by their own cars, we are ready to arrange parking in the area of International Airport Krakow-Balice, but additional fee for transport of drivers back to Kraków Balice must be paid.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Krakow-Balice int. airport, 13.7., afternoon	Brno, 20.7., evening	20	35	YES	NO	Breakfast & dinner	YES	NO

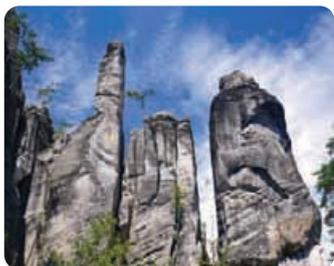
1) SRT means "Single Rope Technique" equipment

# Post-Congress Excursions and Field trips

## A1CZ – Show caves and UNESCO monuments in the Czech Republic

### Contact person (name; e-mail; phone)

David Havlíček; havlicek.david@seznam.cz; +420 257 761 814 (evenings)



The trip is organized for everybody who wants to know as much as possible about the natural and historical heritage of the Czech Republic. During the trip we will visit some show caves not in the Moravian karst (you can visit them during the congress), sandstone rock cities (i.e. Teplice – ADRŠPACH), old mines (i.e. in Kutná Hora), ancient cities (Prague, Kutná Hora, Český Krumlov, etc.), castles (i.e. Karlštejn) and a lot of the other natural and historical monuments in the Czech Republic. We will use trains and buses as the modes of transport and middle/lower range hotels as the type of accommodation. During the day trips you will have an opportunity to have lunch and dinner in restaurants. You will need not any equipment. Light, sport shoes and dress are recommended. The fee includes all the transport, accommodations with breakfast, all entry fees, guidebook, professional guides and refreshments in special cases (i.e. visit of brewery). For those coming by their own cars, we are ready to arrange parking in Prague, but additional fees to transport the drivers back to Prague may need be paid.

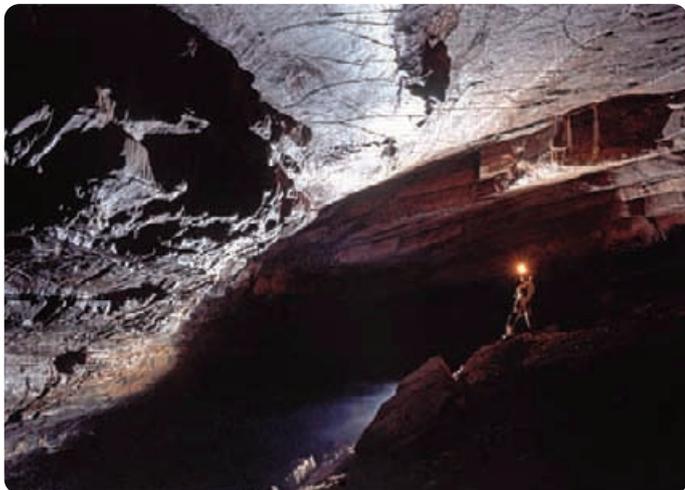
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7.	Prague, 4.8., evening (depart. possible since 5.8.)	25	40	NO	NO	Breakfast	NO	YES

1) SRT means "Single Rope Technique" equipment

## A2CZ – Caving in Moravian Karst (speleocamp focused on caving)

### Contact person (name; e-mail; phone)

Petr Polak; ppolak@speleo.cz; +420 733 698 919



Speleocamp is intended for the cavers of all levels of experience. During the five day program – participants can choose from about 16 different cave tours of various difficulties, throughout the central and northern parts of the Moravian Karst. Among these, the famous Amaterska Cave, cave system Rudické Propadání – Býčí skála are included.

Each participant should have their own equipment, including helmets and adequate lighting. For some caves SRT equipment is necessary as well. The environment is mostly dry with occasional wading. Temperature +6 °C, humidity 95 %.

Transportation for the excursions will be provided each day by bus from the accommodation according to a prepared schedule. Accommodations for the participants will be provided in small cabins with separate bathrooms, or in bungalows.

The price includes: participation in excursions, guides, transportation for field trips, transportation from Brno – the airport to the speleocamp, transport to the Congress, accommodation, breakfast and dinner, attendance at the evening social event, excursion guides, carbide.

The price does not include: lunch, caving equipment, meals during the excursion.

There are many opportunities to buy individual meals near the camp.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 28.7., 16:00	Brno – airport, 3.8. morning	50	150	NO	NO	Breakfast & dinner	NO but several SRT trips included	YES

1) SRT means “Single Rope Technique” equipment

## A3CZ – The most interesting karstological phenomena of Moravia (guided field trip)

Contact person (name; e-mail; phone)

Jiří Otava; jiri.otava@geology.cz; +420 724 073 789



The trip is prepared for those interested in the most spectacular and important surface and subterranean karst phenomena and localities of the eastern part of the Czech Republic (Moravia and Silesia). The field trip includes the Hranice karst – area of polycyclic karst development at the boundary of the Variscides of Bohemian Massif and the Alpides of West Carpathians (Central European Polycyclic Karst). The history of research of the hydrothermal origin of the deepest Hranice abyss will be presented and explained. Karst at Silesia (Na Špičáku) reflects the influence of continental glaciation. You will have the opportunity to see spectacular Middle Devonian paleokarst contacts in the Moravian Karst (Suchdol Ponor). Cretaceous paleokarst localities include the history of iron mining (Rudice). Except for the tourist caves you will need common speleo equipment for several caves of medium difficulty (Na Pomezí, Suchdol Ponor).

The fee includes all transport by bus, board and pension/guest house lodging, guidebook and professional guides. The first part of the trip will start from a site near Olomouc, the second part will be situated in the Moravian Karst. Approximate daily transports will be between 30 and 80 km, only one day will exceed 150 km.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Brno, 3.8., evening	20	40	NO	NO	Breakfast	NO	YES

1) SRT means "Single Rope Technique" equipment

## A6CZ – Caving in the Czech Karst (speleocamp focused on caving)

### Contact person (name; e-mail; phone)

Lukáš Falteisek; czechkarst@gmail.com; +420 777 643 780



This trip is intended for active speleologists interested in getting to know the caves and mines of Czech Karst. The interesting thing about this area is that there are great numbers of natural, technical and historical monuments found in a relatively small territory. The extraction of minerals and speleological exploration have a long tradition in this area, and both have significantly influenced its character. We will visit the most significant caves of the area (e.g. the Koněpruské caves, the Arnoldka, the Javorka caves, and the Srbské and the Netopýří caves), galleries in the well-known America limestone mine, the Solayovy Lomy Skanzen, and Karlštejn Castle.

In most cases the caves are short, and the individual excursions will take about 3 hours each. The caves are simpler; however, they have very low sections in some places. Single Rope Techniques (SRT) will be required only for one excursion, i.e. for both climbing down and up a vertical section up to a height of 50 meters. The excursion to Javorka Cave is very demanding because of a system of narrow passages and chimneys. In all caves except for Javorka Cave and Tomášková Abyss where SRT equipment is also required, common speleological equipment (overalls, helmet, boots, gloves, and lights) will be needed.

Accommodation will be at the 3-star Elma Hotel, in two and three-bedded rooms. The hotel will also provide breakfasts and dinners – vegetarian meals upon request. During the excursions, lunch will be eaten at local restaurants. Since the area of this territory is small, most locations are within walking distances up to 5 kilometers; a microbus will be taken only for more distant locations.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, Congress Center, 29.7., morning	Prague International Airport (IATA code: PRC, ICAO code: LKPR), 4.8., 8:00	25	50	NO	NO	Breakfast & dinner	YES, but for 1 day only	YES

1) SRT means "Single Rope Technique" equipment

# A7CZ – Cave diving Camp

## Contact person (name; e-mail; phone)

Michal Piškula; michal@tdisdi.cz; +420 777 834 734



The trip is organized for cave divers trained from introductory to advanced full cave diving levels. Some locations will be suitable only for advanced cave divers. **The first day will have check dives in an open water lake.** This will be an excellent opportunity for participants to compare each others cave diving equipment.

**Moravian Karst:** We plan to visit Punkevní Caves, Cervikovy Caves\*, Amaterska Cave\*, Stovka Cave\*. (water temperatures: 6–8 °C)  
Diving in all of these caves is weather dependent. After heavy rainfalls diving can be impossible!

**Hranický Karst:** we plan to visit Abyss\* – the deepest water filled cave in Czech Republic (deeper than 200 m). This locations are weather independent. (water temperature is about 16 °C)

**Hungary – Budapest:** Molnar Janos Cave – hydrothermal cave system (water temperature is 18–26 °C). Access to this cave is not certain and will be confirmed by the beginning of 2013.  
Accommodations with breakfast and dinner will be provided, for the entire period, in a village by Jedovnice. During evenings – presentations and discussions for all participants.

### Participants prerequisites:

- Cave diving certificate by recognized caving organization or training agency.
- Personal diving equipment
- For the caves above marked \*, dry caving equipment is necessary
- **Every participant must present personal insurance covering cave diving activities that is valid upon arrival for at least the period of the stay in the camp!**

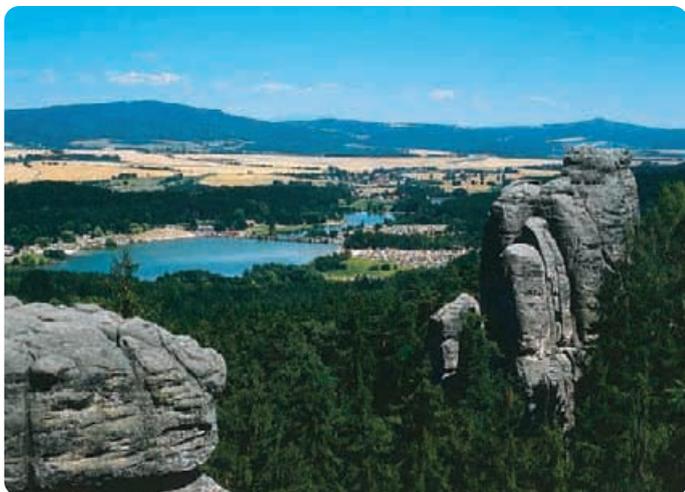
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Jedovnice, 4.8., morning	10	20	NO	NO	Breakfast & dinner	NO	YES

1) SRT means "Single Rope Technique" equipment

## A8CZ – Sandstone caves and rock cities of Bohemia (guided field trip)

Contact person (name; e-mail; phone)

Jiří Adamovič; adamovic@gli.cas.cz; +420 233 087 263



This field trip provides insight in to the complex sandstone weathering of Bohemia with special reference to cave formation. Sedimentary deposits of Late Cretaceous age provide vast areas of sandstone exposure including spectacular “rock cities” with systems of rock pillars, grikes and a variety of small weathering forms. The caves to be visited are tens to hundreds of meters in length and include crevice and talus caves, spherical caves formed by a combination of salt weathering and carbonate dissolution, as well as true solutional caves in quartzite. Some of the special features include fluorite-filled cavities opened by mine galleries, and artificial cavities due to subsurface mining of glass sand. All natural landforms, ranging from ornamental pitted surfaces to the largest sandstone arch in Europe, are easily well accessible and motivate a discussion about the tricky boundary between karst and pseudokarst.

Surface walking trips are short and easy (maximum 5 km) but occasionally with considerable elevation gains. Subsurface trips are generally short and easy, though require a helmet and lights. Moderately difficult caving is also planned, with surface walking trips given as alternate options. All sites are presented by a geoscientist and a local caving club member. The field trip is in the territory of the Czech Republic with the exception of two sites in Poland, not far from the Czech border. Drinks will be provided by the organizers, and opportunity will be given to have lunches and dinners in restaurants.

The fee includes a printed guidebook, hotel accommodation with breakfasts, entrance fees, transportation from Brno, transportation during the field trip, and a transfer to the Prague airport.

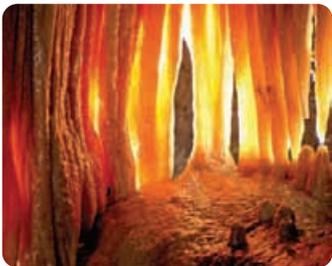
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Brno, 29.7., morning	Prague Airport Terminal 1, 3.8., 14:00	20	40	NO	NO	Breakfast	NO	YES	Usual caving gear needed including a light and a helmet

1) SRT means “Single Rope Technique” equipment

# A1SK – Show caves in Slovakia

## Contact person (name; e-mail; phone)

Peter Gažík; gazik@ssj.sk; +421 903 830 138



The trip is organized by the Slovak Caves Administration. We will visit the most significant karst areas of Slovakia, including eight classical show caves (Demänovská Ice Cave, Demänovská Cave of Liberty, Belianska Cave, Dobšinská Ice Cave, Ochtinská Aragonite Cave, Combasecká Cave, Domica Cave, Harmanecká Cave) and Krásnohorská Cave. Four of the caves we will visit are inscribed on the World Heritage List. On the way, we will stop also in attractive cultural locations – historical cities and spots (Levoča, Rožňava, Špania Dolina, Krásna Hôrka Castle). Other natural phenomena that will be visited include hydrothermal springs and pools and travertine outcrops.

We will use a bus for transportation. Accommodations will be arranged in several places changing during the trip – in hotels with breakfasts and dinners. Lunches will be at restaurants on the road.

The fee includes: transport during the excursion, accommodations, complete meals with beverage (breakfast, lunch, dinner) and organizational costs.

Those who will come by their own cars can park them in Liptovský Mikuláš.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 28.7., afternoon	Liptovský Mikuláš, 3.8.	15	30	NO	NO	Breakfast + lunch + dinner	NO	NO

1) SRT means "Single Rope Technique" equipment

## A2SK – Karst, caves & caving in Slovakia

### Contact person (name; e-mail; phone)

Lukáš Vlček; lukasvlcek@yahoo.com; +421 910 970 123 (evenings)



The trip is organized for cavers, who want to visit and recognize all types of karst areas in Central Europe. Although Slovakia is one of the smallest countries in Europe, it is unusually rich in natural values. Travelling the state in the south-north direction, this trip will visit severally different types of landscapes along its 100 km long route. In the southern part of Slovakia caves in the Slovak Karst Plateau and the Aggtelek Karst of northern Hungary will be visited, including World Natural Heritage sites. Domica Cave transboundary cave system with an underground river, has a length more than 26 km. In the central part of the Slovak Ore-Mountains we will visit a unique type of cryptokarst and the famous Ochtiná Aragonite Cave. More northerly there are higher karst plateaus with undiscovered hydrological underground systems. The mountains with their crystalline basement rocks and the limestone cover are part Western Carpathians. We will visit the high-mountain karst with the 21 km long Dead Bat Cave directly below the highest peak of Low Tatras Mountain, and also visit the nation's symbolic mountain peak (Ďumbier Mountain,

2,047 m a. s. l.). The valleys of the Low Tatras Mountains contain the longest and deepest caves of the Western Carpathians Mountain range. We will visit world famous caves with ice deposits, underground rivers and unusually rich dripstone, flowstone and aragonite decorations in the Demänová Valley, caves in the parallel Ján Valley and the high-mountain karst caves below the peak of Krakova Hoľa Mountain (1,751 m a. s. l.). The Demänová Cave System is 36 km long, Hipman's Caves is 495 m deep with a vertical potential up to 1 km. Besides visiting karst and caves we will visit areas to experience Slovak folk customs and traditions, and discover untouched nature and culture. The excursion fee includes middle to lower range accommodations for six nights; breakfast, lunch and dinner; transportation; all entry fees; guidebook and professional guides and refreshments in special cases. You will need trekking and caving equipment; carbide lamps are allowed. For participants coming by their own cars, we will arrange parking in the town of Liptovský Mikuláš for the whole week.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 28.7., afternoon	Bratislava or Liptovský Mikuláš, 4.8., 18:00	10	60	NO	NO	Breakfast + lunch + dinner	NO	YES

1) SRT means "Single Rope Technique" equipment

## A3SK – Excavation in caves (Slovakia)

### Contact person (name; e-mail; phone)

Peter Holúbek; holubek@smopaj.sk; +421 904 333 613



This trip is subtitled “In the footsteps of Karel Absolon, or excavation in the caves of Slovakia”. It is especially for practical cavers with the focus to show various methods of how caves can be discovered. The excursion emphasizes important excavated localities in Slovak caves, where digging pits was used to discover caves. The program includes a visit to Priepešť Medzi Kačkami Schaft, in the Strážov Mountains of central Slovakia, which was deepened from an initial depth of 2 meters to a 40 meters deep shaft where 675 tons of material (=85.5 cubic meters were removed). The fee includes transportation, accommodations, breakfast and dinner, guidebook and professional guides. You will need the trekking and caving equipment; carbide lamps are allowed. For participants coming by their own cars, we will arrange parking in the town of Liptovský Mikuláš for the whole week.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 28.7.	Liptovský Mikuláš, 4.8., 18:00	1	8	YES	NO	Breakfast & dinner	NO	YES

1) SRT means “Single Rope Technique” equipment

## A2A – Caves and geology of the Eastern Alps of Austria (guided field trip)

### Contact person (name; e-mail; phone)

Lukas Plan; lukas.plan@nhm-wien.ac.at; +43-699-19522648

Christoph Spötl; Christoph.Spoetl@uibk.ac.at



This trip is designed for speleologists interested in the geology of caves and karst in the Eastern Alps of Austria. A background and/or a strong interest in the geology of the Alps is advantageous.

During the trip we will visit show caves and other caves which have rather easy access. However, some steep uphill walks in the Alpine environment are required.

The sites include giant cave systems, ice caves as well as a sulfuric acid cave in the Northern Calcareous Alps. In the Central Alps of Austria we will visit prominent examples of contact karst and marble stripe karst.

We will use 9-seater vans for transportation and stay in bed and breakfast-type double rooms (single rooms, if available, require extra payment on site). During the day trips we will eat lunch and dinner either in restaurants or in the field (not included in the fee). Only basic caving equipment is required (light, helmet, speleo-suit, boots, gloves, and small kit-bag; no SRT) but be prepared for cold (freezing) caves and alpine conditions on the surface, hence bring along a rain jacket, gloves, a cap, mountain boots, and a back-bag.

The fee includes transportation, accommodations, breakfast, all entry fees and a guidebook. Travelling with private cars is not recommended. The conference organizer is ready to arrange for parking in Brno during this trip, but costs for the transfer from Munich or Vienna to Brno for the drivers are not included in the fee.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Munich, 4.8., 12:00 (or Vienna, 4.8., 19:00)	12	20	NO	NO	Breakfast	NO	YES

1) SRT means "Single Rope Technique" equipment

## A2H – Aggtelek Karst (UNESCO World Heritage Site, Hungary)

### Contact person (name; e-mail)

Leader: Mr. Csaba Egri; csegri@freemail.hu

Contact person: Ms. Nora Fleck; mkbt@t-online.hu



For this post-conference trip we transport participants from Brno directly to Aggtelek – Hungary.

The post-conference trip is 4 days long (3 nights). We will show of the typical karstic caves of Aggtelek region (Baradla Cave, Béke Cave and Meteor Cave). The participants have to use own their caving equipment (overalls, helmet, rubber boots and electric lamp), but do NOT need to use vertical equipment.

If at least five people, want to go to a vertical cave, we take them to the Vecsembükki-zsomboly or to the Baglyok, but they have to bring their own vertical equipment!

The accommodations will be in a pension / guest house. The maximum number of participants is 30.

The fee includes entrance fees to caves, accommodations, one meal daily and the transportation from Brno to Aggtelek, and from Aggtelek to Budapest.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required
		Min.	Max.				
Brno, 29.7., morning	Aggtelek, 1.8.	Not given	20 (30)	NO	NO	Dinner	YES (in the case of interest at least 5 people)

1) SRT means "Single Rope Technique" equipment

# A1D – Franconian Jura – best of 250 Years of exploration

## Contact person (name; e-mail; phone)

Dirk Boujong; dirk@boujong.de; +499513095894 or +491606138204



The Franconian Jura, located in the northern part of Bavaria, is one of the most classical caving regions in Germany. Most caves are not very big (only six caves > 1,000 m), but many are well decorated. Come and experience nearly 250 years of research history, from the famous Zoolithenhoehle (the cave bear was discovered here in 1774) to the latest spectacular discovery, the Muehlbachquellhoehle (active river cave, > 7,000 m)!

But Franconia has a lot more to offer than just caves: romantic landscapes, castles and ruins, historic cities (three UNESCO World Heritage Sites) – and don't forget the more than 300 breweries! We will offer surface trips as well (hiking, sightseeing, canoeing, beer-tasting, ...), so non-caving participants can enjoy the camp as well. **Families are welcome to this camp!**

More information at [www.franconia-jura-2013.de](http://www.franconia-jura-2013.de).

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving	Other special requirements
		Min.	Max.						
Brno, 29.7., afternoon	Obertrubach, 3.8., evening	8	32	NO	NO	Breakfast, lunch packs, dinner	YES (in few caves only)	NO	Wetsuit required in one cave

1) SRT means "Single Rope Technique" equipment

# A2RO – Explore the karst highlights of the Padurea Craiului Mountains, a Natura 2000 site (Romania)

Contact person (name; e-mail; phone)

Paul Iacobas; contact@apusenixperience.ro; +40745602301



The Apuseni Mountains (Western Carpathians) are a paradise for cavers and nature lovers, with more than 7,000 caves. They include the longest cave in Romania, the deepest cave in Romania and the most impressive karst phenomena in Eastern Europe such as: Cetatile Ponorului Cave and many more. Not far from the Apuseni Mountains, in the capital of Transylvania, the city of Cluj Napoca holds the first Institute of Speleology, established back in 1920 by the founder of biospeleology, the Romanian scientist Emil Racovita. The majority of the Apuseni Mountains areas are protected now with many nature reserves and Natura 2000 sites due to the Padurea Craiului Mountains being the home of iconic protected species of flora and fauna and outstanding karst landscapes.

Explore the highlights of karst and caves in Padurea Craiului Mountains, a Natura 2000 site recognized for its abundance of caves and gorges and where local traditions are still alive. In the itinerary we will visit Meziad Cave (3,750 meters long, speleothems, bat colonies and paleontological deposits), Farcu Cave (250 meters, crystals developed in calcite), Crai Cave (3,000 meters, crystals developed in calcite and impressive speleothems), Ciur Ponor Cave (crystals developed in aragonite, 5 km of underground length), Vantului Cave (known also as Wind Cave, the longest cave in Romania with a development of 52 km to date, speleothems, etc). Accommodations will be provided in some traditional houses rearranged to host tourists, in one of the most beautiful spots in the mountains ([www.traditionalcasa.ro](http://www.traditionalcasa.ro)).

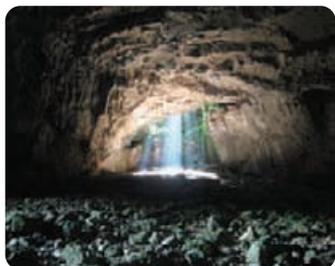
Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 28.7., evening	Oradea, 3.8., morning	4	15	NO	NO	Breakfast & dinner	YES	NO

1) SRT means "Single Rope Technique" equipment

# A1SL – Speleological excursion to Dinaric Karst of Slovenia (guided field trip)

Contact person (name; e-mail; phone)

Mateja Ferk; mateja.ferk@zrc-sazu.si; +38614706358



The Dinaric Karst of Slovenia is one of the important karst regions in the world because of its distinct phenomena, sinking rivers, large springs, huge cave entrances, and cave and karst research that started centuries ago. In the 19<sup>th</sup> Century the area was the theatre of classical karst research, the cradle of speleology and biospeleology. Many terms originate from this region (e.g. polje, doline, ponor...). The UIS was founded here and has permanent offices in Postojna. The excursions will be focused on important areas and caves of the Slovenian Classical Karst. We will visit characteristic surface karst features like Cerknica and other karst poljes, collapse dolines, unroofed caves, ponors and karst springs of Ljubljana and Timavo rivers and many spectacular caves. Among them will be Škocjanske Jame which are inscribed on the UNESCO world heritage list, the famous Postojnska Jama Cave, and numerous other features that are of significant importance for understanding of the complex hydrology of karst systems. You will have the opportunity to enjoy the karst landscape and breath-

taking caves of the Kras Plateau from which the term “karst” is derived.

Accommodations will be organized in Rakov Škocjan. The cottage provides dormitories for groups from three to seven people. You can use your own sleeping bags, otherwise bedding has to be paid extra (4 EUR/day). For all transportation during the week we will use vans. During the day trips you will have the opportunity to have lunch in restaurants (not included in the excursion fee). You will need helmets and lights, walking shoes (boots), sport clothing (note that the cave temperatures are around 9 °C; that the weather can be very changeable – if sunny up to 30 °C, if rainy less than 20 °C, and during the nights possibly less than 10 °C). Also hats and sunglasses are advised. You will not need any single rope technique equipment. The fee includes all the transport, accommodation with breakfast and dinner, all entry fees, guidebook and professional guides. Also the transport to Rakov Škocjan from Ljubljana and Postojna will be arranged.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., 13:00	Rakov Škocjan, 3.8., 9:00	12	14	Non-compulsory (bedding is paid extra)	NO	Breakfast & dinner	NO	YES

1) SRT means “Single Rope Technique” equipment

## A2SL – Sport caving in the Caves of Dinaric Karst of Slovenia (speleocamp focused on vertical caving)

Contact person (name; e-mail; phone)

Mateja Ferk; mateja.ferk@zrc-sazu.si; +38614706358



The Dinaric or the Classical Karst is one of the important karst regions in the world. It is the area where karstology and speleology as sciences were born and many international terms originate from this region (e.g. polje, doline, ponor...). Here, the city of Postojna holds the permanent offices of the UIS. The trips will be focused on sport caving in distinctive karst areas of the Slovenian part of the Dinaric Karst. We will visit difficult but amazing caves of different types and with different characteristics that formed in specific environments within the Dinaric Karst region. Besides “hard” caving you will have also the opportunity to enjoy the beautiful and mysterious karst landscape where all sorts of karst features were formed (e.g. karst poljes, huge collapse dolines, deep blind valleys...), and many spectacular caves such as the Škocjanske Jame which is inscribed on the UNESCO world heritage list. Furthermore, you will descend more than 300 m deep into the Kras Plateau (the term “karst” is derived from the name of this region) to reach an underground river that created chambers of exceptional dimensions.

Accommodation will be organized in Rakov Škocjan, about 10 km from Postojna. The cottage provides dormitories for groups from three to seven people. You can use your own sleeping bag, otherwise bedding has to be paid extra (4 €/day). For all transportation during the week we will use vans. During the day trips you will have the opportunity to buy a lunch package (not included in excursion fee) for the caving trips. You will need your own complete personal single rope technique equipment (note that the cave temperatures will vary from 0 to 9 °C). The fee includes all the transport, accommodations with breakfast and dinner, all entry fees, guidebook and professional guides. Also the transport to Rakov Škocjan from Ljubljana and Postojna will be arranged.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., 13:00	Ljubljana, 3.8., 11:00	5	10	Non-compulsory (bedding is paid extra)	NO	Breakfast & dinner	YES	YES

1) SRT means “Single Rope Technique” equipment

# A4PL – Paleokarst of the Carpathian foreland (latitudinal traverse through southern Poland)

## Contact person (name; e-mail)

Joachim Szulc; joachim.szulc@uj.edu.pl

**Main trip leaders:** Joachim Szulc, Michał Gradziński, Andrzej Tyc, Jan Urban

## Trip program

Góraźdze quarry – Miocene covered and open karst forms (open sinkholes, collapsed caves) and their fills. Pleistocene subglacial paleokarst.

Tarnów Opolski quarry. Syngenetic Middle Triassic karstification of the Muschelkalk limestones. Miocene covered and open karst forms, geochemical aspects of limestone diagenesis, sinkhole lignite fills and their palaeoenvironmental and palaeogeographical context.

## Trip to Siewierz region

Cynków – Late Triassic superficial karst forms and their paleoenvironmental context.

Nowa Wioska quarry. Middle Devonian karst forms. Tertiary sinkholes and their clastic fills.

Szpatowców (Podlesicka) Cave and Sulmów Hill in Podlesice – late Miocene bat bone breccia, genetic and age diversity of cemented cave sediments and calcite, large scale calcite mining history;

Biśnik Cave in Smoleń – Cenozoic cave sediments, palaeoenvironmental and palaeoecological reconstructions, Pleistocene stratigraphy, longest Paleolithic settlement sequence in Central Europe;

Olkusz region. Sandpit (Bukowno) Ore-bearing hydrothermal karst in the Muschelkalk carbonate rocks – problem of origin and age.

## Kraków vicinity

Dębnik quarry – Syndepositional Givetian paleokarst and pedogenesis.

Czatkowice quarry – multiple karstification of Mississippian limestones (syndepositional karst, Permian hydrothermal karst related to volcanic activity, Lower Triassic karst with bone remnants, Jurassic (pre-Callovian) partly dolomitized karst).

Zabierzów quarry – Oligocene to Lower Miocene karst forms and their fillings

## Świętokrzyskie (Holy Cross) Mountains

Chęciny and “Góra Rzepka” nature reserve (two sites) – Carbonate detrital paleokarst fills (carbonate sandstones – calcilithites): evidences of Permian climate and mountainous relief (short, gravitational transport of weathered material)

Jaworznia-quarry – Tectonic rejuvenation and consequent degradation of paleorelief recorded in Permian-Lower Triassic paleokarst and sediments

Kadzielnia (touristic underground and surface trail) – tectonic control of Triassic and Cenozoic paleokarst and karst

Wietrznia – early and late stages of epi-Variscan (Carboniferous-Triassic) morphological evolution of the Świętokrzyskie (Holy Cross) Mountains region reconstructed on a basis of paleokarst

Zachemie – Variscan unconformity between folded Devonian marly dolomites and Triassic red beds

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Kraków, 2.8., in the morning, participants can take early flight back from the Kraków airport	10	20	NO	NO	Breakfast + lunch + dinner	NO	No needed

1) SRT means “Single Rope Technique” equipment

## A5PL – Caving camp in High Tatra Mountains

### Contact person (name; e-mail; phone)

Dariusz Sapieszko; [dariusz.sapieszko@pza.org.pl](mailto:dariusz.sapieszko@pza.org.pl); +48 501456797 (evenings)



The Tatras Mountains are the only alpine mountain range in Poland. Most of the Tatra's area is covered by Tatra National Park. ([www.tpn.pl](http://www.tpn.pl)). There are 810 known caves in the Polish Tatras. This excursions to the Tatra's caves is for everyone, from those who, wants to know the exacting world of the caves in the Tatras (eg. The 2–4 hour ascent to cave entrances and the most vertical systems which require SRT techniques), to those who want to admire the beauty of the limestone landscape on the surface, long pitches, and large chambers and speleothems in the caves. During the excursion we propose caving with a guide in:

- Cave System Wielka Śnieżna – the deepest cave system in Poland
- Cave System Ptasia Studnia – Lodowa Litworowa
- Cave Czarna
- other caves, depending on interests of participants and other conditions

Requirements: participants must know SRT techniques, and have their own personal caving equipment and clothes. Team equipment is not necessary. Please remember, that in the area of the Tatra National Park carbide lamp usage is prohibited. Please note that average yearly temperatures in Tatra caves are between 3 and 6 °C.

From the International Airport Kraków – Balice participants of the excursion will be transferred to Zakopane. Accommodation is arranged in a middle to lower range mountain house – <http://www.mrowca.pl/>. The costs of board are included.

Fees include the international transfer Airport Kraków Balice – Zakopane – Brno (Czech Republic). For those coming by their own cars, we are ready to arrange parking in the area of International Airport Krakow-Balice, but additional fee for transport of drivers back to Kraków Balice must be paid.

Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Zakopane and transfer to int. airport in Krakow-Balice, 4.8., morning	20	35	YES	NO	Breakfast & dinner	YES	NO

1) SRT means "Single Rope Technique" equipment

# A1UA – Gypsum karst in Podolie (Chortkiv region, Ukraine)

**Contact person (name; e-mail)**

Kompaniyets Volodymyr; nat021977@rambler.ru



This trip is organized for everyone who want to know more about natural historical heritage of Ukraine.

**During this trip we will visit:**

- Mlynky Cave – 42 km,
- Verteba Cave – 8 km,
- Optimistichna Cave – 230 km,
- Kryshtaleva Cave – 23 km,
- Atlantyda Cave,
- Cotin Fortress,
- Kamjanetsky-Podylsk Fortress.

Most of the caves are not open to the general public. We will use buses for transportation and the Camping House near Mlynky Cave for accommodations. It is recommended to wear non-slip boots or special footwear for muddy slippery surfaces. The price includes all transportation, accommodations, food, entry fees, booklets and guides. We can organize parking for people arriving with their own cars.



Starting place, date and time	End place, date and approx. time	No. of participants		Sleeping bags required	Camping gear (tents) required	Served meals	SRT <sup>1</sup> required	Carbide lamp allowed when caving
		Min.	Max.					
Brno, 29.7., morning	Chortkiv, 4.8., evening	16	30	YES	NO	Breakfast + lunch + dinner	NO	NO

1) SRT means "Single Rope Technique" equipment

## **White nose syndrome (WNS)**

If you want to participate in pre or post congress excursions and field camps, please pay attention to important information about WNS.

WNS is a disease of hibernating bats caused by the fungus, *Geomyces destructans*, first recorded in a cave in the northeast USA. Since its first appearance in 2006 it caused the death of at least 5 millions bats followed by a collapse of bat populations in a considerable part of North America. The pathogen was imported from Europe. In Europe the pathogen has been repeatedly recorded in a number of the ICS excursion sites.

All excursions, which require the use of speleological equipment – overalls, shoes, SRT equipment etc. will be subject to specific rules to prevent the spread of the WNS. Please watch carefully the congress website where detailed instructions will be published.



## SECTION 2 – registration, accommodations and transportation

Name as appears in Section 1:

Registration type:		Price:	Total:
Adult (18+)	by 31.01.2013	3,600 CZK	
	by 31.05.2013	4,500 CZK	
	after 01.06.2013	5,000 CZK	
Junior (7–18)	by 31.01.2013	1,800 CZK	
	by 16.04.2013	2,250 CZK	
	after 01.06.2013	2,500 CZK	
Child (3–6)	at all time	FREE	

### Accommodation

– reservations will be confirmed only after full payment. Prices below are for a bed in a room that will be shared with another person. If you wish to be accommodated alone, please check the YES box under “Surcharge for single room” and add the amount to the total.

Date of arrival:		Date of departure:	
Accommodation type:	Price per person and night:	Number of nights:	Total:
Camping place	120 CZK		
Dormitory	300 CZK		
Surcharge for single room – dormitory	YES <input type="checkbox"/>	200 CZK	
hotel Voronez 4-star	1,250 CZK		
hotel Voronez 3-star	950 CZK		
hotel Garni 3-star	850 CZK		
Surcharge for single room – all hotels	YES <input type="checkbox"/>	400 CZK	

Please enter name of your roommate for Hotel or Dormitory:

Using your own car for transportation? YES  NO

TOTAL FOR SECTION 2:

## SECTION 3 – discounts and congress activities

Name as it appears in Section 1:

	Price:	Total:
Discount for NO printed Proceedings (receive only electronic version on CD)	(minus) -400 CZK	
Very special Donors' Evening	2,500 CZK	
T-shirt: size S – M – L – XL – XXL	250 CZK	
<b>Wednesday excursions and other one-day non-caving excursions:</b>		
WED1 – Wednesday excursion to Punkevní caves and Macocha Abyss	900 CZK	
WED2 – Wednesday excursion to Sloupsko-šošůvské caves and Macocha Abyss	900 CZK	
NC1 – the most attractive tourist places of the Moravian Karst	900 CZK	
NC2 – Lednice-Valtice, a UNESCO Cultural and Natural Heritage Site	1,200 CZK	
NC3 – Pálava – UNESCO biospheric reserve	800 CZK	
NC4 – Kroměříž chateau and gardens, a UNESCO Cultural and Natural Heritage Site	900 CZK	
NC5 – Hranice Karst – unique hydrothermal karst with the deepest abyss in Czech Republic	900 CZK	

**GRAND TOTAL FOR SECTION 3:**

## SECTION 4 A – PRE-congress excursions and field camps

Name as it appears in Section 1:

**Instructions** – mark your main option with number 1, alternatives with number 2 or 3

If you wish to participate in the excursion with a specific person, please give his/her full name here:

Excurs. number	Your choice	Description of the event	Price	Total
B1CZ		Show caves and UNESCO monuments in Czech Republic – guided field trip	11,500 CZK	
B2CZ		Caving in the Moravian Karst – speleocamp focused on caving	6,500 CZK	
B3CZ		The most interesting karstological phenomena of Moravia – guided field trip	11,300 CZK	
B4CZ		Bohemia – cradle of historic and recent European mining – guided field trip	11,100 CZK	
B5CZ		Czech Karst – guided field trip	9,500 CZK	
B1A		Ice caves of Austria – excursion to six of major ice caves	18,800 CZK	
B1H		Budapest hydrothermal caves – speleocamp focused on caving	2,500 CZK	
B2D		Caves and castles between Munich and Brno – guided field trip	25,400 CZK	
B1RO		Caves and karst in Apuseni Nature Park – speleocamp focused on caving	21,800 CZK	
B1SL		Speleological excursion to the Dinaric Karst of Slovenia – guided field trip	16,100 CZK	
B2SL		Sport caving in the caves of the Dinaric Karst of Slovenia – speleocamp focused on vertical caving	16,100 CZK	
B1PL		Meridional speleo-traverse through the Central Carpathians and their northern foreland-confined speleogenesis in different settings – guided field trip	18,500 CZK	
B2PL		The high karst of the Tatra Mountains – guided field trip	15,800 CZK	
B3PL		Non-karst caves in the siliciclastic-clayey flysch of the Outer Carpathians – guided field trip	9,700 CZK	
B5PL		Caving camp in the High Tatra Mountains – speleocamp focused on vertical caving	13,500 CZK	

## SECTION 4 B – POST-congress excursions and field camps

Name as it appears in Section 1:

**Instructions** – mark your main option with number 1, alternatives with number 2 or 3

If you wish to participate in the excursion with a specific person, please give his/her full name here:

Excurs. number	Your choice	Description of the event	Price	Total
A1CZ		Show caves and UNESCO monuments in Czech Republic – guided field trip	11,500 CZK	
A2CZ		Caving in the Moravian Karst – speleocamp focused on caving	6,500 CZK	
A3CZ		The most interesting karstological phenomena of Moravia – guided field trip	11,300 CZK	
A6CZ		Caving in the Czech Karst – speleocamp focused on caving	10,200 CZK	
A7CZ		Cave diving camp	10,200 CZK	
A8CZ		Sandstone caves and rock cities of Bohemia – guided field trip	10,800 CZK	
A1SK		Show caves in Slovakia – guided field trip	16,300 CZK	
A2SK		Karst, caves and caving in Slovakia – guided field trip	16,300 CZK	
A3SK		Excavation in caves, Slovakia – speleocamp	5,100 CZK	
A2A		Caves and geology of the Eastern Alps – guided field trip	20,800 CZK	
A2H		Aggtelek karst (UNESCO World Heritage Site) – speleocamp	8,100 CZK	
A1D		Frankonian jura – best of 250 years of exploration – speleocamp	15,800 CZK	
A2RO		Explore the karst highlights of the Padurea Craiului Mountains, a Natura 2000 site – guided field trip	18,900 CZK	
A1SL		Speleological excursion to the Dinaric Karst of Slovenia – guided field trip	16,100 CZK	
A2SL		Sport caving in the caves of the Dinaric Karst of Slovenia – speleocamp focused on vertical caving	16,100 CZK	
A4PL		Paleokarst of the Carpathian foreland – latitudinal traverse through southern Poland – guided field trip	11,700 CZK	
A5PL		Caving camp in the High Tatra Mountains – speleocamp focused on vertical caving	10,900 CZK	
A1UA		Gypsum karst in Podolie (Chortkiv region) – speleocamp focused on caving	10,300 CZK	

## SECTION 5 – payment details and Congress contact information

Name as it appears in Section 1:

**GRAND TOTAL FOR ALL SECTIONS:**

### Payment information:

- Printed paper registration – only payment by bank transfer is possible. Please select the SHA payment type for settlement of bank charges. Please do not send payment until you receive your registration confirmation and registration number.
- All prices shown in this form are in Czech Crowns (CZK). Current exchange rates are available on the web of Czech National Bank (<http://www.cnb.cz/en/index.html>).
- Cancellation and refund policy will be specified on [www.speleo2013.com](http://www.speleo2013.com).
- If you are also paying for the registration of other people please print their full names below.

### Bank transfer information:

Bank name and address: UniCredit Bank  
office Koblizna 2  
601 80 Brno  
Czech Republic  
IBAN: CZ30 2700 0000 0021 0602 5619  
SWIFT (BIC): BACX CZ PP  
Account number: 2106025619/2700  
Account name: Speleo 2013

### ATTENTION!

**All details regarding on-line registration and payments will be specified on [www.speleo2013.com](http://www.speleo2013.com).**

### Congress contact information:

Name: SPELEO 2013  
Address: Olšová 1  
637 00 Brno 37  
Czech Republic  
Fax: +420 541 422 440  
E-mail: [registration@speleo2013.com](mailto:registration@speleo2013.com)

## Partners of the 16<sup>th</sup> ICS



Ministerstvo životního prostředí  
České republiky

Ministry of the Environment of the Czech Republic



Jihomoravský kraj

South Moravian Region



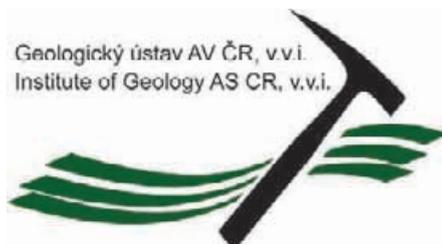
City of Brno



Cave Administration of the Czech Republic



Administration of the Moravian Karst Protected Landscape Area



Institute of Geology, Academy of Sciences of the Czech Republic



Czech Geological Survey

BLANSKO



Town of Blansko

BRÁNA MORAVSKÉHO KRASU



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Association for Country Development – Moravian Karst



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Společnost pro Moravský kras



Starobrno



## Partners of Pre and Post Congress Excursions and Field trips

- Austrian Speleological Association
- German Speleological Federation
- Hungarian Speleological Society
- Institute of Geological Sciences, Jagiellonian University
- Polski Związek Alpinizmu – Komisja Taternictwa Jaskiniowego
- Romanian Federation of Speleology
- Slovak Caves Administration
- Slovak Speleological Society
- Speleological Section of the Polish Copernicus Society of Naturalists
- Speleological Association of Slovenia
- Ukrainian Speleological Association

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