

# **23<sup>rd</sup> INTERNATIONAL KARSTOLOGICAL SCHOOL “CLASSICAL KARST”**

## **Caves – Exploration and Studies**

combined with the

### **50<sup>th</sup> Anniversary of the International Union of Speleology – UIS**

Celebration is under the honorary patronage of his Excellency Mr. Borut Pahor,  
The President of the Republic of Slovenia

### **PROGRAM**

Cultural Center of Postojna, Gregorčičev drevored 2, Postojna, 15. - 21.6.2015

#### **MONDAY, 15. 6. 2015**

**7.30-13.00 Registration of participants/ Cultural center of Postojna**

#### **OPENING SESSION** (Cultural center of Postojna)

8.45-9.00 Opening

9.00-9.45 **Keynote lecture: Derek Ford:** The four state model of meteoric water cave genesis and its integration with models of the development of plan patterns of passages

#### **SESSION 1: CAVE SCIENCE** (Cultural center of Postojna)

9.45-10.15 **Invited lecture: Franci Gabrovšek, Philipp Häuselmann & Philippe Audra:** The role of base-level changes and recharge variations in cave development

10.15-10.45 **Invited lecture: Andrej Mihevc:** Caves from Classical karst and speleology

*10.45-11.15 Coffee break*

11.15-11.45 **Invited lecture: Kyung Sik Woo:** Understanding past climate changes from speleothems

11.45-12.15 **Invited lecture: Francesco Sauro:** Scientific researches and explorations in quartzite and quartz-sandstone caves

12.15-12.30 **Marjan Temovski, Pavel Bosak, Petr Pruner & Helena Hercman:** Study of cave sediments in Budimirica cave, R. of Macedonia – correlation to Late Pleistocene environmental changes

12.30-12.45 **Shirin Bahadorinia, Sayed Hassan Hejazi & Alireza Nadimi:** Paleo environment reconstruction based on sedimentology investigations and dating analysis: case study in Kalahroud cave, North of Esfahan, Iran

12.45-13.00 **Luca Benedetto & Mario Parise:** First outcomes from a recently explored cave system in the Apulian Murge of SE Italy

*13.00-15.00 Lunch break*

## **SESSION 2: CAVE SCIENCE** (Cultural center of Postojna)

15.00-15.15 **Ira D. Sasowsky**: The roles of exploration, mapping, science, and artistry in "seeing" caves

15.15-15.30 **Stein-Erik Lauritzen & Andrej Mihevc**: Large-passage cross-sections: the A-frame lesson

15.30-15.45 **Aurel Perşoiu**: Ice caves – history of research, present status and prospects for future

15.45-16.00 **Maša Surić, Nenad Buzjak, Nina Lončar, Robert Lončarić & Petra Bajo**: North Dalmatian caves in palaeoenvironmental studies (Croatia)

16.00-16.15 **Jose Luis Sanchez Cortez**: Geoturistic inventory of natural cavities in the Province of Napo (Ecuador): Documentation of orality and related strategic resources

16.15-16.30 **Fadi Nader**: The Jaj Plateau (Lebanon): a typical high altitude Mediterranean karst (International Expedition 2014)

*16.30- 17.00 Coffee break*

## **POSTER SESSION** (Cultural center of Postojna)

17.00-18.00 **Poster presentations** (2 minutes/poster)

Caves – exploration and studies; other topics on speleology and karstology

18.00-19.00 **Karst mysteries** (Cultural center of Postojna)

*20.30 Welcome Reception at the Karst Research Institute ZRC SAZU, Titov trg 2, Postojna*

## **TUESDAY, 16. 6. 2015**

7.30-13.00 Registration of participants/ Cultural center of Postojna

## **SESSION 3: OPEN EXPLORATION FRONTIERS; BIG CAVE SYSTEMS** (Cultural center of Postojna)

9.00- 9.40 **Keynote lecture: Andy Eavis**: 45 years of British exploration and study of huge caves around the world

9.40-10.10 **Invited lecture: Matt Covington**: Exploring of deep caves in Mexico

10.10-10.40 **Invited lecture: Miha Čekada**: Contemporary cave exploration in Slovenia

*10.40-11.15 Coffee break*

11.15-11.45 **Invited lecture: Darko Bakšić, Dalibor Paar, Andrej Stroj, Damir Lacković & Teo Barišić**: Longest and deepest caves of Dinaric karst: Last 25 years of speleological research of Velebit Mt, Croatia

11.45-12.15 **Invited lecture: John Cugley**: Australia Cave Exploration and Discoveries, The Past 10 Years

12.15-12.30 **Zdeněk Motyčka**: New exploration in underwater cave systems in Riviera Maya, Mexico

12.30-12.45 **Pavel Herich & Ľuboš Holík & Martin Rybanský & Lukáš Vlček**: Is the connection between Demänová Cave System and Štefanová Cave possible or just a dream? (A newest speleological problem in the longest cave system in Slovakia)

12.45-13.00 **Rafael Camargo, Michael Laumanns, Jean-Pierre Bartholeyns, Chadi Chaker, Dominik Fröhlich, Guillermo Rendon, Helmut Steiner, Joey Abou Jaoude, Livia Medeiros Cordeiro, Marc Vandermeulen, Matt Oliphant, Nancy Pistole, Nida Dela Cruz & Roman Hapka:** Northern Luzon International Caving Expedition Philippines - NLICEP 2015

*13.00-14.30 Lunch break*

14.30-21.00 **Excursion 1:** Part of underground river Ljubljana: Planinska jama, Rakov Škocjan, Cerkljansko polje (Bus station of Postojna)  
(bus & walk; light and walking shoes are needed)

### **WEDNESDAY, 17. 6. 2015**

7.30-13.00 Registration of participants/ Cultural center of Postojna

**SESSION 4: HISTORY OF CAVE EXPLORATION IN CENTRAL EUROPE – »ALCADI«** (Cultural center of Postojna)

9.00- 9.40 **Keynote lecture: Andrej Kranjc:** History of “Classical Karst” Research – an overview from the Antiquity to the UIS foundation

9.40-10.10 **Invited lecture: Boris Sket:** Classical karst: high biodiversity of its underground, its importance for the birth of speleobiology

10.10-10.30 **Invited lecture: Jasminko Mulaomerović:** Caves exploration in Bosnia and Herzegovina during the AH Monarchy

*10.30-11.00 Coffee break*

11.00-11.20 **Invited lecture: Slavko Polak:** History and significance of the cave beetle studies in Classical Karst for the development of Biosepeleology

11.20-11.40 **Miha Brenčič:** Knowledge flow in K.K. monarchy – Czech engineers Hrasky and Putik on Slovenian karst

11.40-11.55 **Alessio Fabbricatore:** Speleology / Höhlenkunde in the Österreichisches Küstenland

11.55-12.10 **Friedhart Knolle:** Cave Exploration in the Divided Germany before 1989 – a Widely Unwritten Chapter of Central European Speleology

12.10-12.25 **Ugo Sauro:** Human adventures of contact and understanding of karst environment and dynamics: the case of the Monti Lessini

12.25-12.40 **Christophe Gauchon:** The cradle of underground climatology: measuring the temperatures in the ice-cave of la Grâce-Dieu (French Jura)

12.40-12.55 **Bernard Chirol:** Caving in Cyprus

*13.00-14.30 Lunch break*

14.30-21.00 **Excursion 2:** Tourist cave Vilenica (Bus station of Postojna)  
(bus & walk; walking shoes are recommended)

## **THURSDAY, 18. 6. 2015**

8.30-21.00 **Excursion 3:** "Classical Karst" caves: Škocjanske jame , Velika jama v Briščikih (Grotta Gigante) and Timavo springs (Bus station of Postojna)  
(bus & walk; tourist caves, walking shoes are recommended; packed lunch is provided)

18.00-20.00 **Registration of participants/** Karst Research Institute ZRC SAZU, Titov trg 2, Postojna

## **FRIDAY, 19. 6. 2015**

8.00-10.00 **Registration of participants/** Cultural center of Postojna

8.15-11.00 **Excursion 4:** Cave Postojnska jama & Expo Postojnska jama  
(show cave tourist visit and visit of new exhibition; start at the cave entrance; you will get tickets from the School organizers; train starts at 8.30h)

or

9.00-12.00 **Workshop on Dinaric Karst & UNESCO** led by Paul Williams/ Cultural center of Postojna

12.30-17.00 **Registration of participants/** Cultural center of Postojna

### **SESSION 5: INTERNATIONAL UNION OF SPELEOLOGY** (Cultural center of Postojna)

13.00-13.15 **UIS President Kyung Sik Woo Welcome Speech**

13.15-14.00 **Keynote lecture: Johannes Mattes:** *Giving meaning to darkness*. Approaches to a Cultural and Social History of Caves and Speleology

14.00-14.40 **Keynote lecture: Arrigo Cigna:** 50th year of the Union Internationale de Spéléologie: foundation, life and effects

14.40-14.55 **J. Ayrton Labegallini:** Presentation of UIS book

14.55-15.20 *Coffee break & book signature*

15.20-16.00 **Keynote lecture: Trevor Shaw:** History of cave science

16.00-16.20 **Invited lecture: George Veni:** The Future of Cave Exploration and its Contributions to Cave Science

16.20-16.40 **Invited lecture: Paul Williams:** Looking to the future: cave and karst conservation strategies

16.40-16.55 **Bogdan Onac:** 50 years of communicating karst science: past, present, and future of IJS

16.55-17.10 **Ivo Lucić:** A follow-up of the use of Panoš holistic principles as a significant factor to overcome speleology development obstacles

17.10-17.25 **Igor Vrhovec & Sebastjan Gantar:** The new discoveries in Pivka jama (Postojnska jama)

17.25-17.40 **Next congress – 17ICS Sydney Australia**

18.30-19.30 **Registration of participants/** at the cave Postojnska jama

19.30 **Photo of the participants** on the stairs in front the Postojnska jama

19.45 **Train departure to the cave**

20.00-21.00 **50<sup>th</sup> UIS Anniversary:** celebration in the cave Postojnska jama

21.30- 1.00 **UIS Banquet** in front of the cave Postojnska jama

## **SATURDAY, 20. 6. 2015**

9.30: Optional: free visits to non-tourist caves with cavers of JZS (Speleological Association of Slovenia); the registration for the visits will be during School!

9.00-13.00 **UIS Bureau meeting/** Karst Research Institute ZRC SAZU, Titov trg 2

14.30-20.00 **UIS Bureau meeting/** Karst Research Institute ZRC SAZU, Titov trg 2

## **SUNDAY, 21. 6. 2015**

9.00-13.00 **UIS Bureau meeting/** Karst Research Institute ZRC SAZU, Titov trg 2

**NOTICE: No School materials and admission to excursions, reception, celebration, or banquet will be available without your official registration BADGE!**

### **Excursions:**

**Everyone must register at the registration desk.**

Only registered people will be allowed to attend the excursions!

**Participation at the excursions is at your own risk!**

Buses depart from Bus station Postojna (see Map of Postojna).

Light and walking shoes and field clothes are necessary if written.

Use of insect repellents is highly recommended because of ticks (possible infection with Lyme boreliosis and tick-borne encephalitis).

### **Lunch:**

Lunches are not organized (with exception on whole-day excursion – Excursion 3).

### **Lectures:**

PowerPoint presentations should be given to organizers at the break before Session starts.

### **Posters:**

**Leave the posters at the registration desk (necessarily before the Lunch break!).**

Max. format of poster: 70 cm x 100 cm (width x height) **PORTRET layout.**

POSTER SESSION (in Cultural center of Postojna whole week): Please be available during the poster session and stand by your poster during the session.