

INTERNATIONAL CONGRESS on
"SCIENTIFIC RESEARCH IN SHOW CAVES"

From 13th to 15th September 2012, Park Škocjanske jame

PROGRAMME

Thursday, 13 September, 2012

Keynote speakers: *Andrej Kranjc, Chris Groves*

9:00 – 9:30 Registration

9:30 – 9:45 Welcome speeches:

Gordana Beltram – *Director of the Škocjan Caves Park*

Alessio Fabbriatore – *Director of the Grotta Gigante*

Tadej Slabe – *Director of Karst Research Institute ZRC SAZU*

Drago Božac – *Mayor of the Municipality of Divača*

9:45 – 10:10 **Andrej Kranjc**: *Researches Done in Show Caves - Historical Overview*

10:10 – 10:35 **Chris Groves**: *Karst Hydrology Research in Show Caves of the Mammoth Cave International Biosphere Reserve, Kentucky (USA)*

10:35 – 11:00 *Coffee break*

11:00 – 11:15 **Giuseppe Camero**: *Ground Penetrating Radar Survey at Santa Croce Cave (Bisceglie – Italy)*

11:15 – 11:30 **Mitja Prelovšek**: *Use of MEM for protection of karst caves – example from Križna Jama (Slovenia)*

11:30 – 11:45 **Christophe Gauchon**: *Scientific research in show caves: a French overview*

11:45 – 12:00 **Tatyana Kalinina**: *The structural, textural and mineralogical rocks characteristic in the Kungur Ice Cave and their transformation at karstification (Russia)*

12:00 – 12:15 **Roberto Colucci**: *The Karst Meteo-Climatological Observatory, a scientific facility within the Grotta Gigante show cave centre (Italy)*

12:15 – 12:30 **Matej Kržič**: *The solutions to prevent damages to the active part of Križna Jama show cave (Slovenia)*

12:30 – 13:00 Discussion

13:00 – 14:00 *Lunch*

14:00 – 14:15 **Rosana Cerkvnik**: *Impacts of Visitors on Cave's Physical Environment*

14:15 – 14:30 **Carla Braitenberg**: *Recording the music generated by the Earth with the Grotta Gigante pendulums (Italy)*

14:30 – 14:45 **Heros Lobo**: *Non-linear response of cave temperature subjected to tourist visitation (Cave of Santana, Petar – Brazil): implications for carrying capacity of show caves*

14:45 – 15:30 Discussion

16:00 – 18:30 VISIT TO GROTTA GIGANTE/VELIKA JAMA V BRIŠČKIH

19:30 *Dinner*

Friday, 14 September, 2012

Keynote speakers: *Franci Gabrovšek, Franco Coren*

9:00 – 9:25 **Franci Gabrovšek**: *Climate monitoring in Postojna cave system: setup, results and interpretation (Slovenia)*

9:25 – 9:50 **Franco Coren**: *Integrated geophysical and remote sensing studies on Grotta Gigante show cave (Trieste Italy)*

9:50 – 10:05 **Massimo Sbarbaro**: *WI-FI in the show caves (Italy)*

10:05 – 10:20 **Vanja Debevec Gerjevič**: *Environmental monitoring and radiation protection in Škocjan caves (Slovenia)*

10:20 – 10:35 **Stefano Furlani**: *MEM and TMEM measurements inside and close to the Giant Cave (Grotta Gigante, Italy)*

10:35 – 11:00 *Coffee break*

11:00 – 11:15 **Janez Mulec**: *Microbiological parameters assist in evaluating human impact in show caves (Slovenia)*

11:15 – 11:30 **Olga Kadebskaya**: *Scientific researches in Orda and Kungur Ice Caves (Russia)*

11:30 – 11:45 **Slavko Polak**: *Terrestrial fauna monitoring in the Postojnska Jama, Jama Pod Predjamskim Gradom and Škocjanske Jame – first results (Slovenia)*

11:45 – 12:00 **Stephan Jaillet**: *3D laserscanning and geomorphological studies in Orgnac cave (Ardèche, France)*

12:00 – 12:15 **Marija Zlata Božnar**: *“E-learning” lectures for setting up a modern DTN communications based cave micrometeorological stations, example of Postojna Cave (Slovenia)*

12:15– 13:00 Discussion and Closing Remarks

13:00 – 14:00 *Lunch*

14:00 – 15:00 **Poster Session:**

Giuseppe Camero, Tadej Slabe/Martin Knez/Mitja Prelovšek, Borut Peric, Giovanni Costa/Peter Suhadolc/Stanka Šebela/Mladen Živčić, Asta Gregorič, Franco Cucchi/Luca Zini, Miris Castello, Alfonso Pura, Ezechiele Villavecchia/Guido Peano/Rosa Rita Gili, Jasminko Mulaomerović, Nataša Ravbar/Jure Košutnik, Carol Nehme, Janja Kogovšek

15:00 – 18:00 **VISIT TO ŠKOCJAN CAVES**

18:30 *Dinner*

20:30 – 22:30 **Participation at »JAMNARKULT« festival of scientific and documentary films, Matavun – The evening of cave documentary film**

Saturday, 15 September, 2012

9:30 – 10:30 **Visit to Notranjska Museum in Postojna**

11:00 – 13:00 **VISIT TO POSTOJNA CAVE**

13:00 – 14:00 *Lunch*

14.00 *Closing of the Congress and departure of participants*