

## Scientific program

### Thursday 22 September 2016

- 20:00 Icebreaker meeting in the premises of the Croatian Biospeleological Society, at the address Lomnička 3

### Friday 23 September 2016

- 8:30-9:00 Registration  
9:00-9:20 Opening – Martina Pavlek

#### Symposium of Cave species genome evolution project

- 9:20 Marco Isaia\*, Stefano Mammola  
Climate change drives subterranean spiders to extinction: the response of *Troglohyphantes* spiders to global warming
- 9:40 Stefano Mammola\*, Marco Isaia  
Niche overlap and competition in subterranean spiders
- 10:00 Miquel A. Arnedo\*, Fulvio Gasparo  
Origin and diversification of the cave-dwelling spider genus *Stalita* in the Dinaric karst

#### **10:20-10:50 Coffee break**

#### 1<sup>st</sup> Dinaric Symposium on Subterranean Biology

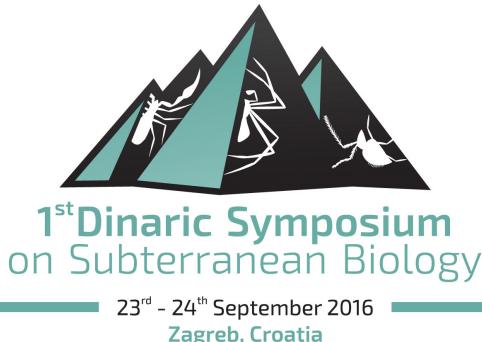
- 10:50 Jana Bedek  
Croatian Biospeleological Society – the first 20 years
- 11:10 Dragan Antić\*, Tvrto Dražina, Sofija Pavković Lučić, Luka Lučić, Slobodan Makarov  
Cave-dwelling millipedes (Myriapoda, Diplopoda) in the Dinaric Region: diversification and biogeographic features
- 11:30 Fulvio Gasparo, Fabio Stoch\*  
Species diversity in the northwestern part of the Dinaric Karst in Italy



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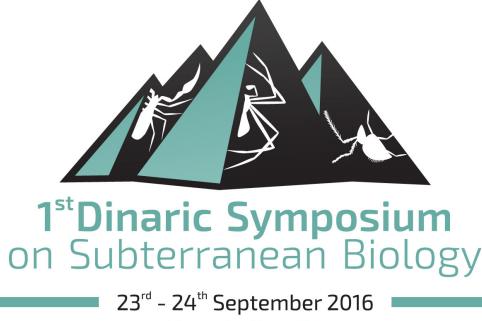
- 11:50 Ivo Karaman\*, Mladen Horvatović  
Complexity of the Dinaric cave fauna: the case of the genera *Cyphonethes* Verhoeff, 1926 and *Titanethes* Schioedte, 1849 (Isopoda: Oniscoidea: Trichoniscidae)
- 12:10-14:00 Lunch**
- 14:00 Fabio Stoch\*, Teo Delić, Cene Fišer, Jean-François Flot  
Dinaric species in peninsular Italy: a molecular perspective in explaining trans-Adriatic distribution in the genus *Niphargus* (Crustacea, Amphipoda)
- 14:20 Teo Delić\*, Slavko Polak, Peter Trontelj  
Molecular phylogeny of the hygropetricolous cave beetle genus *Hadesia*
- 14:40 Špela Gorički\*, David Stanković, Magdalena Năpăruş-Aljančič, Aleš Snoj, Gregor Aljančič  
Searching for black *Proteus* (*Proteus anguinus parkelj*) in karst groundwater with the help of eDNA
- 15:00-15:30 Poster session**
- 15:30 Špela Borko\*, Teo Delić, Peter Trontelj  
Testing the uniqueness of fauna in deep caves
- 15:50 Teo Delić\*, Peter Trontelj, Cene Fišer  
Thermal adaptation and ecological speciation in subterranean fauna
- 16:10 Žiga Fišer\*, Zarja Muršič, Peter Trontelj  
Evolution of behavioral response to light in subterranean populations of the freshwater isopod *Asellus aquaticus*
- 16:30-17:00 Coffee break**
- 17:00 Ivo Lučić  
History of subterranean fauna: dragon, photo-model and bio-indicator
- 17:20 Lada Lukić Bilela\*, Damir Smajić, Roman Ozimec  
The caves of the Sarajevo canton: conservation and protection
- 17:40 Roman Ozimec\*, Lada Lukić Bilela, Branko Jalžić, Ana Soldo  
The Biospeleological Museum Vjetrenica: a new model for biospeleology promotion



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- 19:00**      **National and university library in Zagreb, at the adress Hrvatske Bratske Zajednice 4**  
-    Opening ceremony of the exhibition Cave fauna of the Krka National Park  
-    premiere of documentary film "Krka River-secrets of underground"  
-    social event with local delicacies
- 21:00**      **Social event in bar "Route 66" or "Spunk" depending on the weather conditions**

## **Saturday 24 September 2016**

- 9:00      Marko Lukić  
Potential and limitation of cave Collembola research in Dinaric karst
- 9:20      Dalibor Z. Stojanović\*, Boris D. Dudić, Vladimir T. Tomić, Bojan M. Mitić  
The cave species of the centipede genus *Lithobius* Leach, 1814 (Chilopoda: Lithobiomorpha: Lithobiidae) originally described from Dinarides
- 09:40      Ľubomír Kováč\*, Roman Ozimec  
New cave Collembola from the Dubrovnik region, Croatia
- 10:00      Marjan Komnenov  
The faunistic diversity of cave spiders (Arachnida, Araneae) of the Dinarides
- 10:20      Maja Zagmajster  
SubBioDatabase – a tool for research and conservation of subterranean biodiversity of the whole Dinarides

### **10:40-11:10 Coffee break**

- 11:10      Gordan Karaman  
New data of subterranean Amphipoda in the Dinaric karst of Croatia and adjacent regions
- 11:30      Slavko Polak  
Egon Pretner's (1896-1982) contribution to the knowledge of the subterranean beetles (Coleoptera) fauna of Croatia
- 11:50      Najla Baković  
Biodiversity of protozoa in Dinaric karst
- 12:10      Andrej Mock  
First data on the occurrence of tiny polydesmids (Diplopoda: Trichopolydesmidae) in Slovenia



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## 1<sup>st</sup> Dinaric Symposium on Subterranean Biology

23<sup>rd</sup> - 24<sup>th</sup> September 2016  
Zagreb, Croatia

**13:30 Field excursion in the area of town Ogulin**

**21:00 Dinner and overnight in apartment Bjelolasica, Jasenak, Ogulin**

### **Sunday 25 September 2016**

- - - - - trip home

\* An asterisk identifies presenting author



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