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INVITED LECTURES

Prof. Giovanni Barla,

Politecnico di Torino,

Italy (Norveiller lecture)

Dr. Nick Barton,

NB&A, Oslo, Norway

Prof. Reşat Ulusay,

Hacettepe University,

Faculty of Engineering, Turkey

Prof. Ivan Vrkljan,

Faculty of Civil Engineering,

University of Rijeka, Croatia



GEOTECHNICAL CHALLENGES IN KARST

SPLIT / OMIŠ

11.–13.4.2019.

Hotel Plaža **** Omiš

SPONSORSHIP



ISRM

International Society for Rock Mechanics
and Rock Engineering

ORGANISATION



HRVATSKO GEOTEHNIČKO DRUŠTVO (HGD)
CROATIAN GEOTECHNICAL SOCIETY (CGS)
SOCIÉTÉ CROATE DE LA GÉOTECHNIQUE

CO-ORGANISATION



UNIVERSITY OF SPLIT,
FACULTY OF CIVIL ENGINEERING,
ARCHITECTURE AND GEODESY



International Society for Rock Mechanics
and Rock Engineering



HRVATSKO GEOTEHNIČKO DRUŠTVO (HGD)
CROATIAN GEOTECHNICAL SOCIETY (CGS)
SOCIÉTÉ CROATE DE LA GÉOTECHNIQUE

International conference / ISRM Specialised Conference
8th Conference of Croatian Geotechnical Society

Međunarodna konferencija / ISRM Specialised Conference
8. Savjetovanje Hrvatskog geotehničkog društva

SPLIT / OMIŠ

11.–13.4.2019.

GEOTECHNICAL CHALLENGES IN KARST

Karl Terzaghi and karst in Croatia 110 years ago

GEOTEHNIČKI IZAZOVI U KRŠU

Karl Terzaghi i hrvatski krš prije 110 godina

Conference Topic

The 8th conference of CGS is organized as an international geotechnical conference sponsored by the ISRM as an „ISRM Specialized Conference“.

Karst poses special challenges to engineers in a significant part of Croatia, Europe and World and we dedicate this conference primarily to the karst, although articles on other topics in geology, geotechnics, geotechnical engineering etc. are also welcome. We will highlight the first contributions of great Karl Terzaghi, who started his rich career in the Croatian karst, in Gacko polje, with lecture KARL TERZAGHI AND CROATIAN KARST 110 YEARS AGO. The topic of the congress has arisen from a whole range of new life requirements. Let's just mention some. By spreading the settlements at the bottom of the high cliffs, there is a need for a high-quality protection against the rockfalls. Because of the need to build garages in urban areas, and to save valuable resources on the surface for other purposes, the coastal towns descend underground into the area of the karst. The construction of the foundations of large bridges and viaducts in the coastal zone creates a challenge in the transfer of concentrated loads into karst characterized by a number of weaknesses (karst sinkholes, caverns, ...). The need for the construction of high speed roads in the coastal zone of the Republic of Croatia implicates excavations of long tunnels, which again is threat in the karst area.

Registration and Abstract Submission

We invite members of the geotechnical community and all other interested parties to show their intention to participate and to submit their abstracts through the forms on the web site of Croatian Geotechnical Society:

www.hgd-cgs.hr.

For all inquiries E-mail address: **omis2019.hgd@gradst.hr**

Conference Programme

LOCATION

Hotel Plaža**, Omiš, Trg kralja Tomislava 6**

THURSDAY, 11.04.2019.

19:00 – 21:00

Welcome cocktail and registration

FRIDAY, 12.04.2019.

08:00 – 09:00

Registration

09:00 – 18:00

Invited lectures, presentations, poster section and discussions

20:00 – 24:00

Banquet

SATURDAY, 13.04.2019.

08:00 – 11:00

Presentations and conference closure

11:00 – 14:00

Technical site visit (cliffs stabilization measures in Omiš and underground hall of the hydro power plant Zakućac)

14:00 – 18:00

Boat excursion on the river Cetina to Radmanove mlinice and lunch

Exhibition and Sponsors

All parties interested in presenting their products, projects or their organizations are invited to register with the form on the web site of CGS or at the E-mail address: **omis2019.hgd@gradst.hr**

Key Dates

ABSTRACT
SUBMISSION

15.10.2018.

SUBMISSION
OF FINAL PAPER

15.01.2019.

Registration Fee

until 01.01.2019.

850kn

after 01.01.2019.

950kn

*for ISRM members

750kn

*for students

375kn

The registration fee includes conference proceedings printed and in electronic form, coffee, refreshments and working lunch in the breaks of the conference as well as the welcome cocktail and banquet (for students conference proceedings in electronic form, coffee, refreshments and working lunch).

Technical site visit and excursion to Radmanove Mlinice are charged separately (around 200 kn).

Payments from abroad:

Bank name: **Zagrebačka banka**

IBAN: **HR4823600001101437707**

SWIFT code: **ZABHR2X**

Bank adress: **Trg bana Josipa Jelačića 10, Zagreb, Croatia**

Bank account holder: **Hrvatsko geotehničko društvo,
Berislavićeva 6, Zagreb, Croatia**

For other information, please, contact us:

omis2019.hgd@gradst.hr

Accommodation

For the attendees of the conference, special prices have been arranged with the Hotel Plaža**** in Omiš. Reservations have to be made with a comment about the conference of the Croatian Geotechnical Society – directly to the hotel, to the address **sales@hotelplaza.hr**, or by phone to **385 21 755 260**.

The price arranged for the night with breakfast is 36.90 EUR for each person in a standard double room per day, and 53.10 EUR for a single use of a double room per day.

Tax of 6.00 kn per person and per day is not included in this price.