

## Scientific committee

R.Galler	( Austria )
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E.Gaćanin	( Bosnia and Herzegovina )
T.Voutov	( Bulgaria )
Y.Bai	( China PR )
T.Ivšić	( Croatia )
D.Kovačić	( Croatia )
D.Krasić	( Croatia )
S.Lakušić	( Croatia )
P.Miščević	( Croatia )
A.Szavits-Nossan(chair)	( Croatia )
I.Vrkljan	( Croatia )
A.Balan	( France )
M.Thewes	( Germany )
G.Dounias	( Greece )
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D.Peila	( Italy )
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Z.Tomanović	( Montenegro )
S.Calinescu	( Romania )
D.Divac	( Serbia )
J.Likar (co-chair)	( Slovenia )
F.Amberg	( Switzerland )
Y.Erdem	( Turkey )
M.Knights	( UK )

## Organizing committee

M.Mesihović	( Bosnia and Herzegovina )
R.Lovat (co-chair)	( Canada )
D.Kolić (chair)	( Croatia )
L.Matković	( Croatia )
D.Paradžik	( Croatia )
T.Rabar (manager)	( Croatia )
N. Šubić	( Croatia )
M.Vasilj	( Croatia )
O.Vion (co-chair)	( France )
N.Kazilis	( Greece )
S.Živaljević	( Montenegro )
O.Arghiriou	( Romania )
V.Jovanović	( Serbia )
L.Kostiov	( Slovenia )

## 7. VENUE and TIME

The Symposium will be held in the city of Dubrovnik in hotel „Valamar LaChroma“, Dubrovnik, from Thursday to Saturday, April 7-9, 2011. Working part of the Symposium will be held in the Congress Centre „LaChroma Valamar“ in Dubrovnik. Detailed schedule will be sent to participants at the beginning of July 2010.

## 8. SYMPOSIUM FEE

Symposium registration fee for participants is 350 € if paid before 01.01.2011, with the notice „ITACro 2011“. After that date the registration fee is 400 €/person. Students 50€ early, and 100€ post registration.

## 9. ACCOMMODATION

For accommodation in Dubrovnik special rates will be arranged for the Symposium and participants should send their reservation from July 1, 2010. For additional information about country please refer to: <http://www.croatia.hr/en-GB/Homepage>, region: [www.dubrovnik-area.hr](http://www.dubrovnik-area.hr), information about the hotel: <http://www.valamar.com/valamar-lacroma-dubrovnik>.

## 10. COMMERCIAL EXHIBITION

The commercial exhibition is planned at the Symposium venue. This presents unique opportunity to the companies to display their projects, products and services for the first time in the SE Europe region with the average price of 300 €/m<sup>2</sup>, companies will have time for additional commercial presentations. Companies interested in exhibiting are invited to contact Symposium Secretariat after July 1, 2010

## 11. BONUSES and FURTHER INFORMATION

### Bonuses:

1. Early registration fee for participants registered before January 1st, 2011 **350 EUR**
2. Early registration fee for exhibitors registered before January 1st, 2011 **225 €/m<sup>2</sup>**
3. All registered female participants or accompanying persons will be granted entrance and package service to the new hotel wellness lounge „Ragusa Spa“ with 938m<sup>2</sup> space, free of charge.

All further information can be received from Symposium Secretariat that is placed by ITA Croatia, 10 000 Zagreb, Trnjanska 140, Croatia, and main organizer HUBITG Media:

### Symposium Secretariat manager

**Ms. Tanja Rabar, Tel.** 00385-51-322-845

**Email:** [tanja.rabar@hubitg.com](mailto:tanja.rabar@hubitg.com)

**URL:** [www.hubitg.com](http://www.hubitg.com), [www.itacroatia.eu](http://www.itacroatia.eu)



**ITA CROATIA**

Croatian Association for Tunnelling and Underground Structures

[www.itacroatia.eu](http://www.itacroatia.eu)

*is inviting you to the*

*1<sup>st</sup> Scientific Symposium on Tunnels and Underground Structures in South-East Europe*

**USING UNDERGROUND SPACE**



**Preliminary Invitation  
Call for Papers**



**ITA - AITES**

International tunnelling and underground space association



Hotel-Congress Center LaChroma Valamar  
April 7-9, 2011, Dubrovnik, Croatia

## 1. SCIENTIFIC PROGRAMME

Based on the continuous exchange of information and cooperation of construction industries and consulting offices in the past decade the general understanding was reached that neighbouring tunnelling societies in SE Europe region have common interest to jointly organize a scientific symposium.

This idea has further evolved about the theme that is recently one of the major issues in both developed and developing countries of the world focusing on development of the use of underground space. The region of South-East Europe has enormous demand for new tunnelling technologies and a vast need for the development of new infrastructure including tunnels and underground structures.

The Symposium will be organized by **ITA Croatia - Croatian Association for Tunnelling and Underground Structures** with the support of members of ITA from all other neighbouring countries and with the cover of sponsoring by **ITA-AITES**. Our intention is to proliferate the knowledge of tunnelling and use of underground space which is already the state-of-the art in other parts of the world.

## 2. SPECIFIC TOPICS

The topics of the Symposium include, but are not limited to, all aspects of durability of structures from conceptual stage to design, construction, operation and maintenance phases:

- 1. Planning and Design** – feasibility and planning, structural concept and operation purpose, functional assessment, environmental circumstances, inputs to design, risk and cost estimation, influence of life time cycles on condition of structures, hereditary influence, design measures on old structures
- 2. Traffic Development using Underground** – traffic development using underground space, metro systems, and underground city railway, underground roads, garages and underground railway depots
- 3. Construction Methods and Technologies** – new materials, new technologies, construction methods providing long term quality level
- 4. Maintenance and Reconstruction of Underground Structures** – concepts and solutions of maintenance and reconstruction of new structures, operation phase of structures designed for long life period, reconstruction of old tunnels

- 5. Using Underground Space** – application of underground structures in urban areas, environment and development of urban traffic, underground urbanism and city planning, financing case studies

## 3. CALL FOR CONTRIBUTIONS

ITA Croatia is inviting individuals wishing to make a contribution in the form of an article to submit an abstract in accordance with the topics of the Symposium, submission after July 1, 2010. The Scientific Committee will accept all articles of interested participants that are in line with the described themes and satisfy strict requirements regarding scientific and professional level of contributions.

Submission of abstracts before : **October 25, 2010**  
Acceptance of abstracts : **November 25, 2010**  
Submission of full papers : **January 15, 2011**

The official language of the Symposium is English. Oral presentation and discussion will be in English only with the translation to Croatian language. Presenters must be able to participate in discussions in English. All accepted papers will be published in the Symposium Proceedings that will be prepared and distributed to the participants at the beginning of the symposium.

## 4. GUIDELINES FOR AUTHORS

In order to reach required technical level of submissions all participants are requested to follow the guidelines given below for the preparation of **abstracts** for papers.

The following information needed:

- ITA Croatia 2011 Symposium "Tunnelling and Underground Structures in SE Europe – Using Underground Space", April 7-9, 2011, Dubrovnik, Croatia
- Full name and full address of the author for correspondence purposes including E-mail address
- Title of the contribution (maximum 60 characters)
- Specific topic (1 to 5 as above) to which the abstract is submitted
- Keywords related to the article content

The abstracts should be in English, with the maximum length of 300 words. Abstracts should be submitted in „Word“ for-

mat only and shall not include any illustration. The abstracts should be submitted by Email to Symposium Secretariat: **tanja.rabar@hubitg.com** or uploaded to the Symposium web site before specified deadline. The receipt of each abstract submission will be confirmed by the Symposium Secretariat.

Accepted abstracts should use the form of sample papers for the presentation in proceedings. Authors of accepted abstracts will receive guidelines, including sample papers, for the preparation of their own papers.

## 5. TECHNICAL VISITS

Technical visits of a «half-a-day» duration will include several locations in wider area of Dubrovnik and Cavtat:

- Reconstruction works in Dubrovnik after the war and old bridges and structures of Dubrovnik city
- Underground structures of HPP in vicinity

It will be also possible to take part in post-symposium tour as a «one-day» visit by ship to islands of Dubrovnik area that will be organized and take place only if the number of attendees is 30 or more persons.

## 6. SOCIAL PROGRAMME

There will be an attractive social programme for participants and accompanying persons. Besides opening ceremony with cocktail, chamber concert and gala-dinner the accompanying persons will be able to take part in a variety of tours to places of historical and cultural interest in Dubrovnik and vicinity:

- Museums of Dubrovnik city
- Visit to Medugorje (one-day)
- Boka Kotorska, Monte Negro (one day)

**For further details about locations please look at web sites and pertinent addresses like:**

**[www.dubrovnik.hr](http://www.dubrovnik.hr), [www.dubrovnik-area.com](http://www.dubrovnik-area.com),  
[www.tzcavtat-konavle.hr](http://www.tzcavtat-konavle.hr), [www.medugorje.com](http://www.medugorje.com).**