

## Scientific committee

Y. Gjoni	(Albania)
R. Galler	(Austria)
W. Stipek	(Austria)
H.-G. Jodl	(Austria)
E. Gačanin	(Bosnia and Herzegovina)
V. Tashev	(Bulgaria)
Y. Bai	(China PR)
Z. Dekovic	(Croatia)
S. Lakušić	(Croatia)
D. Milakovic	(Croatia)
P. Mišćević	(Croatia)
I. Vrkljan (chair)	(Croatia)
D. Moslavac	(FYR Macedonia)
A. Balan	(France)
M. Thewes	(Germany)
I. Bakogiannis	(Greece)
T. Horvath	(Hungary)
D. Peila	(Italy)
In-Mo Lee (co-chair)	(S.Korea)
Z. Tomanović	(Montenegro)
S. Calinescu	(Romania)
D. Divac	(Serbia)
F. Amberg	(Switzerland)
Y. Erdem	(Turkey)
M. Knights	(UK)
C. Ingerslev	(USA)

## Organizing committee

G. Harer	(Austria)
M. Mesihović	(Bosnia and Herzegovina)
R. Lovat (co-chair)	(Canada)
D. Kolić (chair)	(Croatia)
M. Kundid	(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 colloquium will be held in the city of Dubrovnik in hotel „Valamar Lacroma“, Dubrovnik, from Thursday to Saturday, April 12-14, 2012. Working part of the colloquium will be held in the Congress Centre „Lacroma Valamar“ in Dubrovnik. Detailed schedule will be sent to participants at the beginning of November 2011.

## 8. COLLOQUIUM FEE

Colloquium registration fee for participants is 350 € if paid before 01.01.2012, with the notice „UNDER City 2012“. 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 Colloquium and participants should send their reservation from October 1, 2011. 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 colloquium 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 Colloquium Secretariat after October 1, 2011

## 11. BONUSES and FURTHER INFORMATION

### Bonuses:

1. Early registration fee for participants registered before January 1st, 2012 **350 EUR**
2. Early registration fee for exhibitors registered before January 1st, 2012 **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 obtained from Colloquium Secretariat at the address ITA Croatia, 51 000 Rijeka, Kruzna 8, Croatia, and main organizer HUBITG Media:

**Colloquium Secretariat Manager**  
**Ms. Tanja Rabar, Tel. 00385-51-410-447**  
**Fax: 00385-51-410-450**  
**Email: [tanja.rabar@hubitg.com](mailto:tanja.rabar@hubitg.com)**  
**URL: [www.hubitg.com](http://www.hubitg.com), [www.undercity2012.com](http://www.undercity2012.com)**



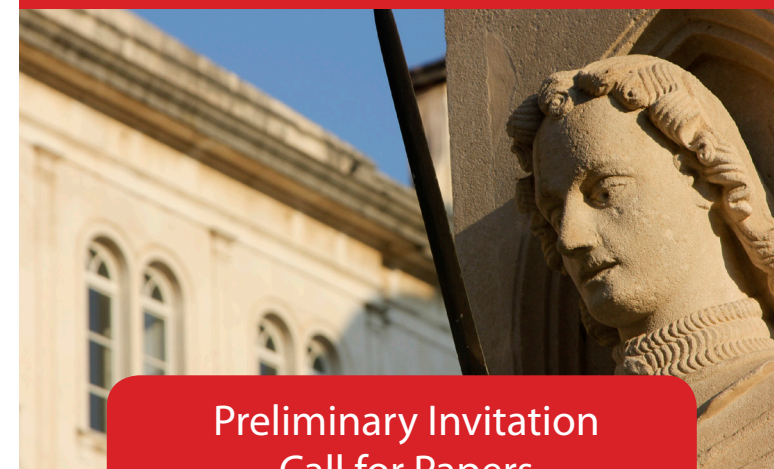
ITA CROATIA

Croatian Association for Tunnelling and Underground Structures  
[www.itacroatia.eu](http://www.itacroatia.eu)

is inviting you to the

Colloquium on  
Using Underground Space in Urban Areas in South-East Europe

# UNDER CITY



## Preliminary Invitation Call for Papers

Under auspices:



Croatian chamber of civil engineers  
Croatian chamber of architects  
Croatian chamber of mechanical engineers  
Croatian chamber of electrotechnical engineers

Coorganizers:



ITA - AITES  
International tunnelling and underground space association



ITA  
AUSTRIA



ITA  
BOSNIA AND  
HERZEGOVINA



BAGTC  
BULGARIA



AFTES  
GREECE



AFTES  
FRANCE



ART  
ROMANIA



ytmk  
TURKEY



ITA  
SERBIA



ITA  
SLOVENIA



ITA  
MONTENEGRO

Hotel-Congress Center Valamar Lacroma  
April 12-14, 2012, Dubrovnik, Croatia

## 1. SCIENTIFIC PROGRAMME

Using of underground space is a modern way of protecting environment where we live. It requires a general public understanding and knowledge about advantages, procedures and technologies that should be applied. Therefore it needs time and effort to learn society and to present new ideas and technologies to people that have to accept new solutions.

In that sense the use of underground space in urban areas is the most difficult task that can be performed in civil engineering. Because it needs a lot of time and a lot of effort: to show, to learn, to educate, to convince, to prepare, to start, to develop underground projects in cities.

Today we look to the region of South-East Europe where is a enormous potential to develop infrastructure and especially underground infrastructure. To be on time and ready to change all ideas in to projects we would like to support this development by organizing the colloquium on using of underground space in urban areas in the region. Just as the start.

The Colloquium 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.

## 2. SPECIFIC TOPICS

The topics of the Colloquium include, but are not limited to, all aspects of using of underground space from conceptual stage to design, construction, operation and maintenance phases:

- 1. Planning, Design and Geological Baseline** – 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. Urban Traffic Development using Underground** – traffic development using underground space, metro systems, underground city railway, underground roads, garages and underground railway depots
- 3. Underground Structures for Storage, Energy, Water Supply and Sewer** – cable tunnels, sewers, water supply systems, storages for water, fuel, gas and others
- 4. Construction Methods and Technologies, Maintenance and Rehabilitation** – new materials, new technologies, construction methods providing long term quality level, maintenance, reconstruction and rehabilitation technologies
- 5. Fire Protection, Safety, Equipment of Underground Structures** – application of fire protection design, safety approaches and decision-based safety procedures, damage scenarios and hazard evaluation, ventilation and electro-mechanical equipment elements and systems

- 6. Contractual Development and Project Preparation in Using Urban Underground Space** - PR techniques by project development, project preparation and development, project financing, cost control, project sustainability

**Two themes of the colloquium will be introduced with special attention and introduction:**

- 7. Using Underground Space (under cover of: ISOCARP)**  
- underground urbanism as a part of city plans and traffic studies, underground cities, protection of ecology through using of underground space, better cities by using underground
- 8. Immersed Tubes – (under cover of: ITA-AITES-WG11)**  
- immersed tubes in cities, immersed technology for connections in cities on the coast, connections land-islands, application in seismic regions

## 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 Colloquium, submission after October 1, 2011. 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: **December 1, 2011**  
Acceptance of abstracts: **December 20, 2011**  
Submission of full papers: **February 1, 2012**

The official language of the Colloquium 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 Colloquium Proceedings that will be prepared and distributed to the participants at the beginning of the colloquium.

## 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 Colloquium "Using Underground Space in Urban Areas in SE Europe – UNDER CITY", April 12-14, 2012, 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 8 as above) to which the abstract is submitted
- Keywords related to the article content (max. 6)

The abstracts should be in English, with the maximum length of 300 words. Abstracts should be submitted in „Word“ or PDF format and shall not include any illustration. The abstracts should be submitted by Email to Colloquium Secretariat: [tanja.rabar@hubitg.com](mailto:tanja.rabar@hubitg.com) or uploaded to the Colloquium web site before specified deadline. The receipt of each abstract submission will be confirmed by the Colloquium 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-Colloquium 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).