



ASSOCIATED RESEARCH CENTERS
FOR URBAN UNDERGROUND SPACE

ASSOCIATION DES CENTRES DE RECHERCHE
SUR L'UTILISATION URBAINE DU SOUS-SOL

First announcement and call for papers

12th ACUUS Conference

Using the Underground of Cities: For a Harmonious and Sustainable Urban Environment

Nov.2009, Shenzhen, China

Sponsors:

Associated Research Centers for Urban Underground Space (ACUUS)

Shenzhen Municipal Government

China Civil Engineering Society (CCES)

Chinese Society for Rock Mechanics and Engineering (CSRME)

Urban Planning Society of China (UPSC)

Organizers

Shenzhen Municipal Government

Underground Space Sub-society of CSRME

The **Associated Research Centers for Urban Underground Space (ACUUS)** is an international, non-governmental organization dedicated to stimulate partnerships amongst experts who design, analyze and decide upon the use of our cities' underground spaces.

The idea to create the ACUUS was first suggested in 1992 at the 5th International Conference of Underground Space and Urban Planning in Delft and took shape at its 6th International Conference in Paris. ACUUS was formally established in the fall of 1996 in Sendai, Japan. The ACUUS secretariat was inaugurated in October 1997 in Montreal at the end of the 7th International Conference: Underground Space: Indoor Cities of Tomorrow and is now kindly hosted by the Institut d'urbanisme of the University of Montreal. In 2008, ACUUS decided at the time of its Athens' General Assembly of members to move the Secretariat to Beijing. The new Secretariat would then be supported jointly by the China Civil Engineering Society (CCES), the Chinese Society for Rock Mechanics and Engineering (CSRME), and the Urban Planning Society of China (UPSC). Currently the Secretariat transfer process is making steady and positive progress.

Focused on critical parameters of underground development, ACUUS has organized several international events in Sydney (Australia, 1983), Minneapolis (USA, 1986), Shanghai (China, 1988), Tokyo (Japan, 1991), Delft (The Netherlands, 1992), Paris (France, 1995),

Montreal (Canada, 1997), Xi'an (China, 1999), Turin (Italy, 2002), Moscow (Russia, 2005), and Athens (Greece, 2007).

On behalf of the organizing committee, we have the great pleasure to invite you to attend the 12th ACUUS Conference (ACUUS2009): **Using the Underground of Cities: for a Harmonious and Sustainable Urban Environment**, which will be held in Shenzhen, China in November 18-19 2009. The objective of ACUUS2009 is to provide a forum for discussion of state-of-the-art opportunities and challenges in the urban underground space.

Shenzhen, located just across the border from Hong Kong, is a beautiful coastal city in southern China. It is China's first special economic zone and hence is in the vanguard of China's reform and opening up to the rest of the world. Shenzhen's underground space utilization began in the middle of the 1980s, from the creation of underground equipment space to underground garages beneath buildings. In 1995, Shenzhen was evaluated as a national class air defense city, and the underground space has been further developed. Around the year 2000, accompanying the metro-I project construction and a land auction, underground commercial facilities began to be built around the stations with 13 sites having an underground space development with the construction of more than 500,000 square meters of floor space. Currently, a series of underground space plans for the metro-II project, including comprehensive design of the area around the metro stations, are being made. In the near future, using underground space utilization will bring to Shenzhen significant new space for urban renewal and sustainable development.

Welcome to ACUUS2009! We are looking forward to welcoming you in Shenzhen in 2009!

Best regards,

Qian Qihu

Chairman

ACUUS2009 Organizing Committee

Conference Date: November 18-19, 2009

Conference Venue: Shenzhen City, China.

The main themes of the conference will include the following topics :

- Underground space development & utilization
- Future challenges in underground development
- Strategy of underground space development
- Environmental and safety of underground space
- Planning and design of underground traffic
- Aesthetics of underground environments
- Risk assessment of underground projects
- Underground project technology
- Economy of underground development
- Legislation and proprietary rights of underground space
- Underground architecture and planning of underground space
- Underground freight transport
- Development of technology for deep and large underground projects

Abstract Requirements:

Abstracts must be written in English. Each abstract must include the paper title, authors' names, affiliations, and e-mail addresses, with an approximately 300 word description of the purpose of the study, the findings and their significance, and conclusions. It must be sent by e-mail in a Microsoft Word file to the conference Secretariat: ACUUS2009@163.com.

Important Deadlines:

Submitting Abstract: Feb 28, 2009

Notification of Abstract Acceptance: March 30, 2009

Submitting Full Paper Based on Accepted Abstract: June 30, 2009

Secretariat of Conference Organizing Committee:

All correspondence related to the conference should be addressed by email to: ACUUS2009@163.com. or by mail or fax to the Conference Secretariat at the following address:

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For further information on ACUUS2009, please access the conference website www.acuus2009.com or contact the conference secretariat directly.

