



Venue

Graz, the European Capital of Culture of the year 2003, is located in the South of Austria and the focal point of South Eastern Europe. The impressive Old Town belongs to the best pre-



served in Europe and is on the UNESCO's list of World Culture Heritages. Graz has four universities with about 40.000 students. One is Graz University of Technology, which belongs to the long-established institutions of scientific research and teaching in Austria. It covers the areas of engineering sciences and technical natural sciences.

The charming city of Graz, where tradition and modern spirit meet, will welcome you with an international smile and great warmth. For more details please contact: <http://cms.graztourismus.at>

Conference Dates & Registration

30th Jun. 2009 **Deadline for preregistration**

12th - 13th Oct. 2009 **LTBD09 Conference**

14th - 15th Oct. 2009 **Post Conference Tour A**

14th - 18th Oct. 2009 **Post Conference Tour B**

Details of registration, accommodation and post conference tours will be given in the second announcement and on the conference website. Efforts will be made to keep the fees as low as possible.

Conference Website
<http://www.ltbd09.tugraz.at>

Post Conference Tours

LTBD09 Participants will have the choice to take part in two post conference tours:

Post Conference Tour A: 14th - 15th Oct. 2009

This bus tour includes site visits of the „Freibach Earthfill Dam“ and the 200m high concrete arch dam „Kölnbreinsperre“ in combination with cultural and natural sights in Austria. The tour starts in Graz and it ends in Salzburg, the city of the famous composer W.A. Mozart.



Post Conference Tour B: 14th - 18th Oct. 2009

In addition to tour A this tour includes further technical, cultural (Melk Abbey) and natural attractions (boat trip on the river Danube) along the route from Salzburg to Vienna. The trip ends with a sightseeing tour in Vienna.



2nd International Conference

LONG TERM BEHAVIOUR OF DAMS

LTBD09

12th – 13th October 2009

Graz, Austria (Europe)

First Announcement



Jointly organized by





Invitation

The long-term behaviour of dams has gained more and more attention by dam engineers and geotechnical scientists. The 2nd International Conference on this topic will be held from 12th to 13th October 2009 in Graz (Austria), one of the recent European Capitals of Culture. The meeting will provide an excellent opportunity for engineers, scientists and operators to present and exchange their experiences and the latest developments related to the design, performance and rehabilitation of earth, rockfill and concrete dams including roller compacted and conventional concrete dams.

Topics of the Conference

- Methods of Design and Analysis of Dams
- Experimental Studies
- Dam Monitoring and Instrumentation
- Time Dependent Properties of Construction Materials for Dams and their Constitutive Modelling
- Analytical and Numerical Investigations
- Seepage under Saturated and Unsaturated Conditions
- Dam Foundation and Structure Interactions
- Seismic Aspects and Earthquake Analysis
- Safety Assessment
- Dam Maintenance
- Rehabilitation and Dam Heightening

Official Language

The official language of the conference is English.

Organizing Committee

Chairman:

E. Bauer (Graz University of Technology, Austria)

G. Hofstetter (University of Innsbruck, Austria)

S. Semprich (Graz University of Technology, Austria)

P. Tschernutter (Vienna University of Technology, Austria)

Y. J. Xu (Tsinghua University, Beijing, China)

G. Zenz (Graz University of Technology, Austria)

Y. Zhu (Hohai University, Nanjing, China)

Conference Secretary

LTBD09@tugraz.at

International Advisory Committee

B. Albers (Berlin, Germany)

E. Alonso (Barcelona, Spain)

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A. Gens (Barcelona, Spain)

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J. Jia (Beijing, China)

F. Jin (Beijing, China)

Y. Kohgo (Tokyo, Japan)

D. Liu (Yichang, China)

S. Liu (Nanjing, China)

Z. Lu (Shanghai, China)

G. Maier (Milan, Italy)

A. Marulanda (Bogota, Colombia)

G. Mazza (Milan, Italy)

U. Norstedt (Stockholm, Sweden)

P. Obernhuber (Salzburg, Austria)

J. Peters (Erfurt, Germany)

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A. Schleiss (Lausanne, Switzerland)

B. Schrefler (Padua, Italy)

D. Sun (Shanghai, China)

D. Toshev (Sofia, Bulgaria)

G. Viggiani (Grenoble, France)

R. Wang (Chengdu, China)

M. Wieland (Zurich, Switzerland)

K. Wilmanski (Berlin, Germany)

S. Wu (Chengdu, China)

D. Yilmaz (Ankara, Turkey)

B. Zhang (Beijing, China)

C. Zhang (Beijing, China)

F. Zhang (Nagoya, Japan)

M. Zhang (Shanghai, China)

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Supported by

International Commission on Large Dams (ICOLD)

Austrian National Committee on Large Dams (ATCOLD)

Chinese National Committee on Large Dams (CHINCOLD)

United States Committee on Large Dams (USCOLD)

China Society of Hydropower Engineering (CSHE)

Chinese Society for Rock Mechanics & Engineering (CSRME)

Austrian Society for Geomechanics (ÖGG)

Austrian National Committee for Soil Mechanics and Geotechnical Engineering (ASSMGE)

Österreichischer Ingenieur- und Architektenverein (ÖIAV)

Call for Abstracts and Papers

Participants intending to present a paper are invited to submit abstracts with approximately 300 words. The abstracts should clearly state the purpose and the conclusion of the potential paper. Abstracts including the complete title of the paper, authors, mailing address, e-mail, phone and fax number should be submitted by e-mail to LTBD09@tugraz.at.

Detailed instructions for preparing the full paper will be sent to the authors of the selected abstracts. All papers will be reviewed by the members of the Organizing Committee and the International Advisory Committee. Only accepted and registered papers will be published in the conference proceeding.

Important Dates

30 th Nov. 2008	Deadline for abstracts
10 th Dez. 2008	Acceptance of abstracts
31 th Mar. 2009	Deadline for full papers
15 th May 2009	Acceptance/revision of papers
31 th May 2009	Final acceptance of papers