



2nd INTERNATIONAL CONFERENCE

MECHANICS OF UNSATURATED SOILS

MARCH 7-9, 2007

Bauhaus-Universität Weimar, Germany

CALL FOR PAPERS

The Laboratory of Soil Mechanics, Bauhaus-Universität Weimar, Germany is proud to announce the 2nd International Conference on unsaturated soils: MECHANICS OF UNSATURATED SOILS. The conference will be held on March 7 to 9, 2007, at the Bauhaus-Universität Weimar, Germany. The meeting promises to be a highly stimulating forum where new insights into the research and development in unsaturated soil mechanics, methods, and techniques will be shared and gained by all. The conference is supported by ISSMGE, TC6 and DGGT.

TECHNICAL THRUST

The need to understand the behaviour of unsaturated soils and also, the implementation of unsaturated soil mechanics into routine engineering practice are of paramount importance for the practicing geotechnical engineers and designers. This International conference intends to unite researchers and practitioners in the field of geotechnical engineering, hydraulics and mechanics and to discuss variety of problems associated with unsaturated soils. The objectives of the International conference are: (a) To promote unsaturated soil mechanics for practical application, (b) exchange experiences in experimental unsaturated soil mechanics and numerical modelling, (c) discuss application of unsaturated soil mechanics to variety of problems (viz., waste disposal facilities, floods - dikes and dams, mudflows, and slope failures), and also, (d) the conference is in the frame of the DFG research group on the – “Mechanics of unsaturated soils” - Final report.

CONFERENCE TOPICS

Papers are solicited on the following topics:

- Experimental unsaturated soil mechanics
- Constitutive and numerical modelling in unsaturated soil mechanics and hydraulics
- Microstructure and its importance to unsaturated soil behaviour
- Environmental issues – recent developments in waste disposal facilities, clay liners, soil contamination
- Tensile strength, crack initiation in unsaturated soils
- Applications of THMC-modelling
- Other relevant topics

SUBMISSION OF ABSTRACTS

Abstracts of no more than 200 words MUST be submitted in any of the following: ASCII text, HTML, Word, WordPerfect, and/or PDF (Adobe acrobat) format. The abstract must be informative and of printable quality for review purposes as well as for inclusion in the Conference proceeding. Proceedings will be published by SPRINGER. Full papers are due July 30, 2006. Authors will be provided guidelines for full paper presentation at the time of author notification.

IMPORTANT DATES

Submission of abstracts: 31th December 2005

Acceptance of abstracts: 1st March 2006

Submission of full papers: 30th July 2006

Acceptance of full papers: 30th September 2006

ABSTRACTS can be uploaded to:

www.uss2007.de from November 2005 on

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