INTERNATIONAL CONFERENCE
FROM EXPERIMENTAL EVIDENCE TOWARDS NUMERICAL MODELLING OF
UNSATURATED SOILS

SEPTEMBER 18-19, 2003
Bauhaus-Universität Weimar, Germany

CALL FOR PAPERS

The Laboratory of Soil Mechanics, Bauhaus-Universität Weimar, Germany is proud to organise the International Conference: From experimental evidence towards numerical modelling of unsaturated soils. The meeting will be held on September 18 to 19, 2003, 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.

TECHNICAL THRUST

The need to understand the behaviour of unsaturated soil is becoming exclusively essential for the geotechnical engineers and designers. In the last three decades many researchers have made significant contributions to the understanding of the unsaturated soil mechanics. Never the less, application of the subject to variety of new problems still requires attention. This International conference is a mere attempt to unite researchers and practitioners in geotechnical engineering on a single platform and to discuss about the problems associated with the 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"- status report.

CONFERENCE TOPICS

Papers are solicited on the following topics:

- Experimental unsaturated geotechnics
- Constitutive modelling in unsaturated geotechnics
- Microstructure and its importance to soil behaviour
- Environmental issues – developments in waste disposal facilities

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. Full papers are due May 15, 2003. Authors will be provided guidelines for full paper presentation at the time of author notification.

IMPORTANT DATES

Submission of abstracts: 30th March 2003
Acceptance of abstracts: 15th April 2003
Submission of full papers: 15th May 2003
Acceptance of full papers: 30th June 2003

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