

EPFL, Lausanne, Switzerland

ISSMGE
TC-101

Advances in Multiphysical Testing of Soils and Shales

3 – 5 September 2012

ISSMGE WORKSHOP

organized by Prof. Lyesse Laloui and Dr. Alessio Ferrari

The workshop will focus on the significant advances of knowledge regarding the experimental analysis of soils and shales that have been achieved during the last decade. Some fundamental issues have been solved, and important achievements have been made in certain areas, including the development of multiphase testing facilities for non-isothermal conditions and the characterization of the microstructural arrangement for complex geomaterials.

This outstanding progress in the field has had relevant consequences in the theoretical developments of geomechanical theories, such as the constitutive modelling of multiphysical and multiscale processes, as well as important engineering applications.

The workshop is aimed at stimulating the debate on the advances in experimental geomechanics; contributions on unsaturated soil testing, non-isothermal experiments and chemo-osmotic experimental evidences are welcomed. The workshop proceedings will be published and an international journal special issue will include the most outstanding contributions. The foreseen duration is 2.5 days. A half-day course will also be organized on advanced multiphysical testing for geomaterials. A low registration fee has been set for students to encourage young delegates to attend.

The workshop will be held between 3 and 5 September 2012 at the conference facilities of the EPFL in Lausanne (Switzerland). The Laboratory for Soil Mechanics (LMS) at the EPFL will serve as the local organizing committee. Further information is available on the workshop website: <http://amtss.epfl.ch>.

Important Dates

- 31/12/2011** Abstract reception (200 words)
- 15/01/2012** Abstract acceptance
- 01/03/2012** Full paper
- 01/03/2012** Closure of early registrations
- 3-5/09/2012** Workshop