

Experimental Micromechanics for Geomaterials

Joint workshop of the ISSMGE TC101-TC105

23rd-24th May 2013; The University of Hong Kong

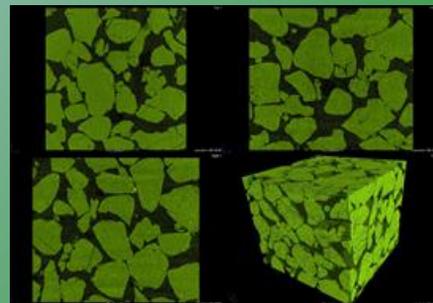
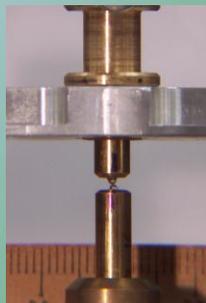
The mechanics of soils at particle level is thought to be at the base of the soil behaviour observed both in the laboratory or in the field. Since the early days of soil mechanics it has increasingly gained in popularity, and more recent advances in technology have allowed its continuing development, such that we now can determine the properties of a single particle, for example its morphology, strength or stiffness, define accurately the contacts between particles, or track individual grains and the fabric of soils during element testing. But experimental micromechanics for geomaterials still poses many challenges, particularly in relating microscopic observations to macroscopic behaviour. This will be the focus of this workshop, which aims at bringing together researchers expert in soil testing and researchers studying soils at the grain scale. It should be of interest for those involved in:

- experiments at grain level
- image analysis of soil particles, contacts and fabric
- DEM applied to soil testing
- multi-scale analysis



Abstracts are now invited, until the 1st October 2012. They should be 200-300 words in length, written in English, and show relevance to the theme of the workshop.

Abstracts should be sent to Ms Bridget Lam.
Email: owlam@hku.hk (subject: EXP MICRO 2013)



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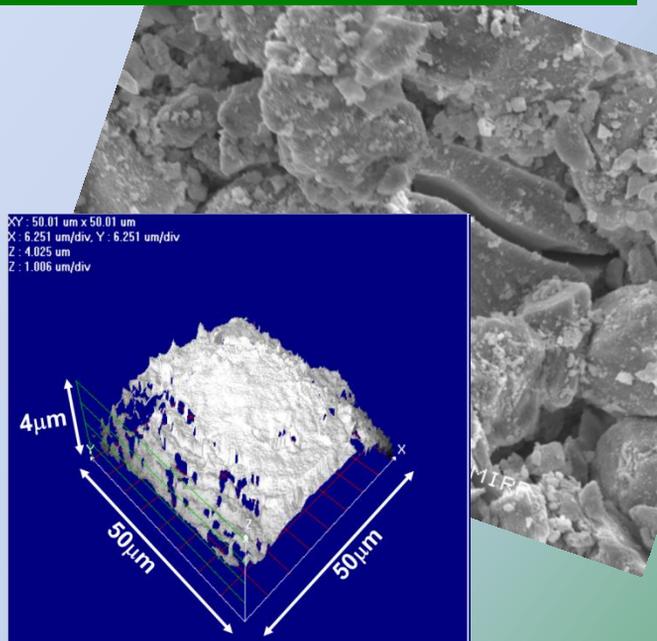
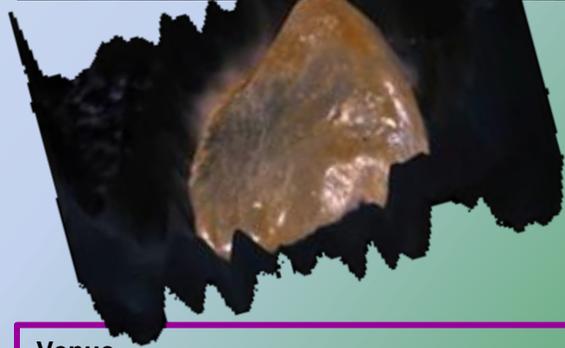
Experimental Micromechanics for Geomaterials

Organising committee members

Dr Béatrice Baudet (The University of Hong Kong)
Prof. Kam-Tim Chau (The Hong Kong Polytechnic University)
Ir Tony Cheung (AECOM Asia; President of the Hong Kong Geotechnical Engineering Society)
Mr Philip Chung (Civil Engineering Development Department, Hong Kong)
Prof. Matthew Coop (City University of Hong Kong)
Dr Fiona Kwok (The University of Hong Kong)
Prof. Charles Ng (Hong Kong University of Science and Technology)
Dr Yu-Hsing Wang (Hong Kong University of Science and Technology)
Dr Ryan Yan (The University of Hong Kong)
Prof. Jian-Hua Yin (The Hong Kong Polytechnic University)

Honorary members

Prof. Hervé Di Benedetto (Ecole Nationale des Travaux Publics de l'Etat, France; Chairman TC101)
Prof. Masayuki Hyodo (Yamaguchi University, Japan; Chairman TC105)



Venue

The workshop will be held at the University of Hong Kong, founded in 1911, which is located in an attractive campus on Hong Kong Island.

Accommodation

Accommodation will be available both on campus and in hotels near the university. More details to be announced later.

Contact

For further details please contact Ms Bridget Lam, Department of Civil Engineering, The University of Hong Kong.

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