



Università degli Studi
Mediterranea
di Reggio Calabria

Dipartimento di Ingegneria
Civile, dell'Energia,
dell'Ambiente e dei Materiali

SEMINAR

Geomechanics: monotonic loading, large number of cycles and granular flows

Wednesday 22 June 2016, Aula Teledidattica, Engineering Departments
Via Graziella, Feo di Vito, 89122 Reggio Calabria

Programme

- 09:50 *Welcome speech*
Prof. Nicola Moraci, **Head of DICEAM and President of AGI**
- 10:00 *An introduction to elastoplastic models for soils:
single and multi surface approaches*
Prof. Giuseppe Mortara, **Università di Reggio Calabria**
- 10:45 *The mechanical behaviour of clays:
from single element experiments to the numerical analysis of BVPs*
Prof. Angelo Amorosi, **Sapienza Università di Roma**
- 11:30 *Hierarchies of plasticity models*
Prof. Guy T. Houlsby, **University of Oxford**
- 12:15 *Implications of the macroelement approach for shallow foundations*
Prof. Guido Gottardi, **Università di Bologna**
- Lunch break**
- 15:00 *From solid to fluid transition in dry granular media:
a visco elastic plastic constitutive modelling approach*
Prof. Claudio di Prisco, **Politecnico di Milano**
- 15:45 *Cycling and ratcheting: empirical evidence and model calibration*
Prof. Guy T. Houlsby, **University of Oxford**