



Politecnico
di Bari



Newcastle
University

Gaetano Elia, PhD

Lecturer in Geotechnical Engineering
Newcastle University, Newcastle upon Tyne, UK

terrà un seminario dal titolo:

Modellazione costitutiva del comportamento ciclico delle argille naturali

Venerdì 24 Giugno 2016 ore 16:00
auletta didattica della sezione Geotecnica (DICATECh)
Politecnico di Bari

Geatano Elia

Dr. Gaetano Elia graduated in Civil Engineering at the Technical University of Bari (Italy) in 2001 and gained a Ph.D. in Geotechnical Engineering from the same university in 2004. He was appointed a lectureship in Geotechnical Engineering in the School of Civil Engineering and Geosciences at Newcastle University (UK) in 2009. His research spans a variety of topics in computational modelling and soil science. His particular expertise is in theoretical and applied soil mechanics, with specific insight in advanced soil constitutive modelling and numerical simulation of wave propagation and soil dynamics problems. His current research is mainly focused on the numerical assessment of the resilience of geotechnical structures during extreme events, including the analysis of natural and engineered slopes subjected to extreme rainfalls and the performance-based design of shallow foundations, excavations and tunnels in static and dynamic conditions. He has a strong track record of publishing in high quality journals and international conferences and he acts as reviewer for a number of international journals and for EPSRC-UK. He also teaches geotechnics, geotechnical design, soil modelling and seismic resistant design to undergraduate and postgraduate students at Newcastle University.