

PROGRAM

October 20, 2016

- 09:00-10:00 – John Burland Lecture: “Basic Geotechnical Engineering Skills - What Can Graduates Do?”
John Atkinson (Senior Principal, Coffey Geotechnics; Emeritus Professor of Soil Mechanics, City University, London, UK) ([video uploaded to ISSMGE site](#))
- 11:15-13:00 – Workshop: "If you could go back in time and change the geotechnical engineering education you received, what contents would you change and why?"
Coordinator: Alberto Sayão (Professor, PUC-Rio, Brazil, former president of ABMS)
Mark Jaksa (Professor, University of Adelaide, Australia, current VP of ISSMGE for Australasia)
Fernando Danziger (Professor, UFRJ, Brazil, Milton Vargas Lecturer ABMS 2016)
Luis Valenzuela. (Geotechnical Consultant, Chile, former VP of ISSMGE for AS, Casagrande Lecturer 2015)
Frederico Falconi (Senior partner, ZF Engenheiros Associados, Brazil)
Gustavo Bogado (civil engineering student, Universidad Nacional de Córdoba, Argentina)
Alice Reis (civil engineering student, UnB, Brazil)
- 14:00-16:00 – Paper presentation and discussion ([papers in database](#))
Innovative geotechnical courses and programs
SFGE-02-0001 - MODERN SYLLABUS FOR INTRODUCTION TO GEOTECHNICAL ENGINEERING
Shidlovskaya, Anna; Briaud, Jean-Louis
Laboratory coursework
SFGE-03-0001 - PROBLEM-BASED LEARNING WITH EFFECTS: PART II - GROUND IMPROVEMENT MODULE FOR LAB COURSES
Starcher, Ryan; Pierce, Charles
SFGE-03-0002 - REINFORCED SOIL WITH GEOSYNTHETICS - HANDS-ON LEARNING (PBL) USING SAND AND PAPER
Pinho-Lopes, Margarida
Active learning
SFGE-06-0005 - BUILDING WITH SAND -SIMPLE OUTREACH ACTIVITIES TO PROMOTE GEOENGINEERING
Pinho-Lopes, Margarida
IT applications
SFGE-08-0001 - CREATING AN ONLINE VERSION OF AN ENVIRONMENTAL GEOTECHNICS COURSE: PEDAGOGICAL OPPORTUNITIES
Pantazidou, Marina; Kandris, Kyriakos
Opinion articles
SFGE-09-0002 - GROUND VERSUS SOIL: A NEW PARADIGM IN GE EDUCATION
Madhav, M. R.; Abhishek, S.V.
- 16:30-17:30 – Invited lecture (Manuel Matos Fernandes):
“Some thoughts about teaching Soil Mechanics to Civil Engineering undergraduates” ([ppt available in database](#))
- 17:30-18:15 – Paper presentation and discussion ([papers in database](#))
Effective education in geotechnical principles
SFGE-01-0003 - PROBLEM-BASED LEARNING WITH EFFECTS: PART I - PREPARING FUTURE FACULTY TO INTEGRATE TEACHING AND RESEARCH
Pierce, Charles

SFGE-01-0004 - WHY AND HOW CRITICAL STATE SOIL MECHANICS SHOULD BE INCLUDED IN INTRODUCTORY UNDERGRADUATE COURSES IN SOIL MECHANICS

Airey, David; Miao, Guien

SFGE-01-0005 - ENGAGING AND EFFECTIVE LABORATORY CLASSES IN GEOTECHNICAL ENGINEERING

Kuo, Yien L.; Jaksa, Mark B.; Airey, David W.; Kodikara, Jayantha K.; Shahin, Mohamed A.; Yuen, Sam T. S.

October 21, 2016

09:00-10:30 – Keynote lecture “Online Learning and the Future of Engineering Education”
Pieter De Vries (Professor, TU-Delft, Netherlands) ([link to video available](#))

11:00-12:00 – Invited lecture: “Bridging Geotechnical Engineering Education and Research on Education”

Marina Pantazidou (Professor, National Technical University of Athens, Greece) ([paper in database](#))

14:00-14:30 – Geo-Engineering Education conferences: a historical perspective

Iacint Manoliu (Professor, Technical University of Civil Engineering of Bucharest, Romania) ([paper in database](#))

14:30-16:00 – Round table: "Publish or perish: impact on the education of geotechnical engineers"

Coordinator: Sandro S. Sandroni (Director Sandroni Engenheiros Associados; Research Professor - PUC-Rio, Brazil)

Michele Calvello (Professor, Unisa, Italy)

Paulo Teixeira da Cruz (Geotechnical Consultant, Brazil)

Ennio Marques Palmeira (Professor, UnB, Brazil)

Paulo Scarano Hemsí (Associate Professor, ITA, Brazil)

Luiz Guilherme de Mello (Vecttor Projetos; Assistant Professor EP-USP, Brazil)

16:30-18:30 - Closing session of SFGE 2016 and TC306 meeting