

International Symposium on Energy Geotechnics

Universitat Politècnica de Catalunya (UPC)

Barcelona, Spain. June 1st to 3rd 2015

ISSMGE TC308 on Energy Geotechnics



ISSMGE TC308 on Energy Geotechnics



About the Barcelona Symposium on Energy Geotechnics (SEG2015)

On behalf of the Technical Committee (TC308) on Energy Geotechnics of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) you are kindly invited to attend the ‘Symposium on Energy Geotechnics’ to be held in Barcelona, Spain, on June 1-3, 2015. The Symposium venue will be the Universitat Politècnica de Catalunya (UPC) in Barcelona, Spain. This is the first Symposium of this type and it will provide an excellent opportunity to present your own research in this subject, participate in the discussion panels, learn from leading experts in this topic, and expand your knowledge in this area.

Geotechnical engineering has expanded its domain into the field of Energy Geotechnics. This branch of geotechnical engineering will play a fundamental role in the near future due to the increase in energy demands in the next decades associated with economic development and population growth worldwide. Geotechnical engineering is at the core of the energy challenge.

The following main topics will be covered in this Symposium:

- Gas Hydrate Sediments
- Unconventional Hydrocarbon. Hydraulic Fracturing
- Energy Geo-Structure and Storage of Thermal Energy in the Ground
- Energy Geo-Storage
- High Level Radioactive Waste Disposal
- Carbon Dioxide Geological Storage
- Fundamentals of Geo-Energy
- Other geotechnical activities related to the energy sector

Welcome to Barcelona SEG2015 !





Program Overview

- Position papers
- Discussion panels
- Invited speakers
- Technical presentations
- Networking opportunities: breaks, lunches & dinner.

World leading experts in Energy Geotechnics will be acting as Speakers and Panelists.

Registration: 250 Euros (include coffee breaks, lunches and gala dinner).

2.5 days Symposium. LIMITED PLACES



Organizing Committee

- Marcelo Sanchez, Texas A&M Univ. (USA)
- Enrique Romero, Univ. Politècnica de Catalunya (Spain)
- Antonio Gens, Univ. Politècnica de Catalunya (Spain)
- Sebastia Olivella, Univ. Politècnica de Catalunya (Spain)

International Technical Committee

- Eduardo Alonso, Univ. Politècnica de Catalunya (Spain)
- Guillermo Avila, Univ. Nacional de Colombia (Colombia)
- Abdelmalek Bouazza, Monash Univ. (Australia)
- Rick Chalaturnyk, Univ. of Alberta (Canada)
- Yu-Jun Cui, Ecole des Ponts Paristech (France)
- Pierre Delage, Ecole des Ponts Paristech (France)
- Leonardo Guimaraes, Univ. Federal de Pernambuco (Brazil)
- Jacco Haasnoot, CRUX Engineering (Nederland)
- Tomasz Hueckel, Duke Univ. (USA)
- Usama Karim, University of Twente. NL (Iraq)
- Jayantha Kodikara, Monash Univ. (Australia)
- Gye-Chun Cho, KAIST University (Korea)
- Alessio Ferrari, École Polyt. Fédérale de Lausanne (Switzerland)
- Henry Gustavsson, Aalto Univ. (Finland)
- Masayuki Hyodo, Yamaguchi Univ. (Japan)
- Lyesse Laloui, École Polyt. Fédérale de Lausanne (Switzerland)
- Fleur Loverige, Univ. of Southampton (UK)
- Diego Manzanal, Univ. de Buenos Aires (Argentina)
- Farimah Masrouri, Univ. Lorraine (France)
- John McCartney, Univ. of California San Diego (USA)
- Guido Musso, Politecnico di Torino (Italy)
- Charles Ng, The Hong Kong Univ. of Science and Tech. (Hong Kong)
- Guillemo Narsilio, The Univ. of Melbourne (Australia)
- Duncan Nicholson, Arup (UK)
- Guney Olgun, Virginia Institute of Technology (USA)
- Jean-Michel Pereira, Ecole des Ponts Paristech (France)
- Philippe Reiffsteck, Terrasol (France)
- Salah Sadek, American Univ. of Beirut (Lebanon)
- Carlos Santamarina, Georgia Institute of Technology (USA)
- Tom Schanz, Ruhr-Univ. Bochum (Germany)
- Greg Siemens, Royal Military College of Canada (Canada)
- Kenichi Soga, Univ. of Cambridge (UK)
- Tae Sup, Yonsei University (Korea)
- Mario C. Torres-Suarez, Univ. Nacional de Colombia (Colombia)
- Maria Victoria Villar, CIEMAT (Spain)
- Frank Wuttke, Christian-Albrechts-Universität zu Kiel (Germany)
- Weimin Ye, Tongji University (China)
- Xiong Yu, Case Western Reserve Univ. (USA)



Conference Publications

- Please submit your extended abstracts (2 pages) before January 31th 2015 (please follow the enclosed template).
- Abstract submission: coordinador.360@upc.edu
- Selected papers will be published in the Journal: [“Geomechanics for Energy and Environment”](#)

Questions? Please contact:

Marcelo Sanchez: msanchez@civil.tamu.edu
Enrique Romero: enrique.romero-morales@upc.edu



SYMPOSIUM SPONSORED BY:



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



Càtedra UPC-Endesa Red
Victoriano Muñoz Oms

