1st International Conference on Energy Geotechnics ICEGT 2016

With the increasing energy demand and climate change implications, the development of sustainable energy systems based on integrated schemes of energy production, transport, and transfer as well as energy storage is of utmost importance. This issue is of increasing interest to the research field of geotechnical engineering. The core of this young research area focuses on new developments and solutions for civil, environmental, and industrial applications.

With the establishment of the International Conference on Energy Geotechnics, which will be hosted at Kiel University, we want to provide a platform for interaction and communication among academic and non-academic parties from different research areas.

Kiel offers various research institutions in and around this research field and is an excellent location for international research exchange. Besides, Kiel is a traditional harbor city located at the Baltic Sea and offers a nice touristic, natural, and friendly environment.

Session Topics
- Carbon Sequestration
- Energy Geo-Storage & Geo-structures
- Urban Planning for Energy Geo-Systems
- Numerical Methods and Algorithms in Energy Geotechnics
- Gas Hydrate Sediments
- Shallow & Deep Subsurface Geo-thermal Systems
- Experimental Studies & Material Design in Energy Geotechnics
- Natural & Hydraulic Fractured Reservoirs
- Nuclear Waste Deposits
- Geotechnical Challenges of Energy Infra-Structures
- Oil Sediments / Tailings
- THMC Behavior of Geomaterials

National Technical Program Committee
- Frank Wuttke, Kiel University, Germany
- Sebastian Bauer, Kiel University, Germany
- Andreas Dahmke, Kiel University, Germany
- Tom Schanz, RU Bochum, Germany
- Rolf Katzenbach, TU Darmstadt, Germany
- Ernst Huenges, GFZ Potsdam, Germany
- Olaf Kolditz, UFZ Leipzig, Germany
- Stavros Savidis, TU Berlin, Germany
- Sebastian Bauer, CAU, Germany
- Frank Schilling, KIT, Germany
- Klaus Wallmann, Geomar, Germany

Keynote Speakers
- J. Carlos Santamarina, KAUST, KSA
- Lyesse Laloui, École Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- Itai Einav, University of Sydney, Australia
- Olaf Kolditz, UFZ Leipzig, Germany
- Kenichi Soga, University of Cambridge, UKK
- Antonio Gens, UPC Barcelona, Spain
- Sebastian Bauer, CAU, Germany
- Frank Schilling, KIT, Germany
- Klaus Wallmann, Geomar, Germany

Conference Publications
All submitted technical papers will be peer-reviewed and published along with the keynote lectures in a Conference Proceeding Book by Balkema CRC Press.

Sponsorship & Exhibition
This conference, the first of its kind in the new field of geotechnical engineering, offers a high visibility and marketing opportunity due to sponsorship and exhibition participation. For further information about sponsorship and exhibition opportunities, please follow the “Sponsoring Information” on the conference web page.
Call for Papers

A number of activities are envisioned for the ICEGT-2016 program, including:

- Keynotes/State-of-the-Art/State-of-the-Practice lectures
- Technical sessions
- Posters
- Exhibitors
- Pre-Conference Events
- Post-Conference Events
- Networking opportunities: breaks, lunch & dinner, outdoor activities and conference events

Important Dates

Call for Abstracts Open: 31 July 2015
Deadline Call for Abstracts: 30 September 2015
Notification of Abstract Acceptance: 31 October 2015
Notification of Provisional Acceptance*: 29 February 2016
*with reviewers’ comments

Pre-Conference Event
Visit GEOMAR / Helmholtz Centre for Ocean Research, Kiel
Conference Eve – Welcome (drinks & snacks)

Post-Conference Events
Technical tours:
1. Option: Visit - CO₂ Pilot storage site – Ketzin (1 Day)
2. Option: Visit - Offshore wind power site – (1 Day)
3. Option: Visit - Site project of small (home) and large (industrial) energy storage prototypes (1 Day)

Sightseeing tours:
1. Option: The Kiel Canal and its locks
2. Option: Kiel city centre tour
3. Option: Kiel Town Hall tour

Venue

Audimax of Kiel University
Christian-Albrechts-Platz, 24118 Kiel, Germany

Contact Us

1st International Conference on Energy Geotechnics
ICEGT 2016
ICEGT 2016 Secretariat
Ludewig Meyn str. 10
24118 Kiel
Phone: +49(0) 431 - 880 19 76
Fax: +49(0) 431 - 880 43 76
Email: secretary@ICEGT-2016.de
Website: www.ICEGT-2016.de