

CALL FOR ABSTRACTS

2nd International Conference on Energy Geotechnics (ICEGT-2020)



Conference Overview

With ever increasing energy demand and climate change implications, the development of sustainable energy systems based on integrated schemes of energy production, transport, transfer, and storage is an important challenge to society. The broad and emerging area of Energy Geotechnics has the potential to address this challenge from multiple perspectives. Energy Geotechnics integrates concepts from geotechnical engineering and geomechanics with cross-disciplinary collaborations with geology, hydrology, geophysics, geochemistry, petroleum engineering, and energy policy.

Building upon the 1st International Conference on Energy Geotechnics held in Kiel, Germany, this conference will provide a platform for interaction and communication for academic and non-academic parties, including researchers and practitioners, in the broad areas within Energy Geotechnics. The conference will also provide a venue for innovative technology transfer.

Preliminary Session Topics

- Energy Geo-Storage & Geo-structures
- Urban Planning for Energy Geo-Systems
- Numerical Methods in Energy Geotechnics
- Experimental Studies in Energy Geotechnics
- THMC Behavior of Geomaterials
- Unsaturated Soil Mechanics in Energy Geotechnics
- Geoenvironmental Aspects of Energy Geotechnics
- Geochemistry in Energy Geotechnics
- Material Design in Energy Geotechnics
- Carbon Sequestration
- Gas Hydrate Sediments
- Shallow & Deep Subsurface Geothermal Systems
- Natural & Hydraulic Fractured Reservoirs
- Enhanced Oil Recovery
- Nuclear Waste Repository Design and Evaluation
- Geotechnical Challenges for Energy Infrastructure
- Oil Sediments / Tailings
- Intersections with Geology, Hydrology and Geophysics
- Energy Policy Issues in Energy Geotechnics



Held under the Auspices of ISSMGE TC308 on Energy Geotechnics



Hosted by: University of California San Diego,
Department of Structural Engineering

UC San Diego
JACOBS SCHOOL OF ENGINEERING
Structural Engineering

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Call for Abstracts

Abstracts may be submitted through the EasyChair platform associated with this conference:

<https://easychair.org/conferences/?conf=icegt2020>

Abstracts should be limited to 250 words and should have a clear description of the technical contribution. Please enter abstract into the appropriate text box and note the proposed session topic in the keyword text box. A template for the full papers will be sent along with the abstract acceptance notification. Please notify the conference secretariat by email if you will require an invitation letter. All submitted technical papers will be peer-reviewed and accepted papers will be published along with the keynote lectures in an open access

Important Dates

- Deadline Call for Abstracts: **31 Jul. 2019**
- Notification of Abstract Acceptance: 1 Sep. 2019
- Paper Submission Deadline: 18 Dec. 2019
- Notification of Provisional Acceptance: 31 Jan. 2020
- Registration Open: 1 Mar. 2020
- Early-bird Deadline: 31 Mar. 2020
- Standard Registration: After 1 Apr. 2020
- 2nd Int. Conference on Energy Geotechnics: 20-23 Sep. 2020

Venue

The conference will be held at the Robert Paine Scripps Forum for Science, Society and the Environment in La Jolla, CA, USA. This venue is adjacent to the University of California San Diego, and the Pacific Ocean. Additional conference activities including an opening icebreaker will be held at the La Jolla Shores hotel (a 15-minute walk from the venue) and a brewery visit. The conference banquet will be held at a beach-front venue.



Sponsorship & Exhibition

This conference offers a high visibility marketing and exhibition opportunity to a broad audience. For further information about sponsorship and exhibition opportunities, please follow the 'Sponsorship' link at www.icegt-2020.org.

Conference Activities

Activities envisioned for ICEGT-2020 include:

- Keynote and 'Bright Spark' lectures
- Technical paper and poster sessions
- Exhibition space for vendors and companies
- Post-conference technical/sightseeing tours
- Networking opportunities: icebreaker, breaks, lunches, brewery event, conference banquet

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