



5th International Conference on Information Technology in Geo-Engineering

August 5-8, 2024
Colorado School of Mines
Golden, Colorado, USA

<https://learn.mines.edu/ICITG/>

INVITATION

The Joint Committee 2 (JCT2) on Representation of Geo-engineering Data of FedIGS cordially invites you to the

5th International Conference on Information Technology in Geo-engineering (5th ICITG)

The Federation of International Geo-Engineering Societies (FedIGS) is an umbrella organization linking international professional societies in the field of "Geo-Engineering" including the International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), the International Society for Rock Mechanics and Rock Engineering (ISRM), the International Association for Engineering Geology and the Environment (IAEG), and the International Geosynthetics Society (IGS).

ABOUT THE CONFERENCE

The conference intends to bring together engineers, scientists, researchers, and educators to discuss and review IT advances in geo-engineering and provide a forum for the discussion of future trends. The first four ICITG conferences were organized by: 1) Tongji University, Shanghai, China, in 2010; 2) Durham University, Durham, UK, together with Tongji University, Shanghai, China, in

2014; 3) the University of Minho and the Portuguese Geotechnical Society in Portugal in 2019; and 4) by Nanyang Technological University and National University of Singapore in 2022.

SCOPE OF THE CONFERENCE

In accordance with the conference's objective to promote advances in the development and application of IT in geo-engineering, full papers on the following topics are invited:

- Sensors and Sensing Technologies
- Geotechnical instrumentation
- Data Collection and Transmission
- 3D Geological Modeling
- Information and Communications Technologies
- Digitalization
- Data-Driven Investigation and Modeling
- Big Data and Databases
- Imaging Technology
- Building Information Modeling (BIM)
- Artificial Intelligence and Machine Learning
- Virtual and Augmented Reality
- Intelligent Geomaterials
- Case Studies
- Other Topics Related to Advances in IT in Geo-Engineering

CALL FOR PAPERS

Authors are invited to submit a **full paper** in English for oral or poster presentation.

The papers will be published in the *Proceedings of the Workshop* by Springer.

No prior abstract submission is required. The review will be based on the full paper.

Springer Paper Formatting details can be found at:

<https://www.springer.com/gp/author-s-editors/conference-proceedings/editors>

Click [HERE](#) to download the LaTeX package (zip)

Click [HERE](#) to download the Word Template (zip)

Click [HERE](#) to view the eBook Sample

Minimum length: 6 pages

Maximum length 10pages

[Full Paper Submission Here](#)

or email your submission to:

marte.gutierrez@icloud.com

with the subject heading: ICITG PAPER SUBMISSION

IMPORTANT DATES

Full Paper Submission:

February 29, 2024

Paper review completed:

April 30, 2024

Final Paper submission:

May 31, 2024

Online publication of Proceedings:

June 30, 2024

Conference:

August 5-8, 2024

CONTACT INFORMATION

Marte Gutierrez, Ph.D.

*J. R. Paden Distinguished Professor
Civil and Environmental Engineering*

Colorado School of Mines

Golden, CO 80401, U.S.A.

Tel: (303) 273-3507

Fax: (303) 273-3602

E-mail: marte.gutierrez@icloud.com