

CALL FOR PRESENTATIONS
Purdue Geotechnical Society Workshop
and the
21st G.A. Leonards Lecture
Engineering Frozen Ground:
understanding the behaviour of soil on freezing and thawing
by
Professor Giulia MB Viggiani
Cambridge University
Friday, April 11, 2025, Purdue University, West Lafayette, IN

Registration required for workshop and banquet; lecture at 5:00 p.m. free & open to the public.

Workshop
Engineering the Ground: from fundamentals to applications
Friday, April 11, 2025, 8:00 a.m. - 4:00 p.m., Purdue University, West Lafayette, IN

Presentations are invited on all aspects related to modifying the ground temporarily or permanently for improvement or for other engineering purposes.

The workshop is an informal forum where engineers, students, and faculty can interact and discuss matters of common interest. Members as well as non-members of the PGS are welcome. The goal is for all participants to share their professional experience through open dialogue and fruitful debate. Short presentations (20 minutes max.) will be scheduled with additional time for questions/discussion. The emphasis is on oral presentations and debate; no written papers will be required, nor proceedings published. Participants will receive abstracts at the meeting and have the opportunity to post highlights of their presentation on the PGS Web site after the workshop.

Topics of interest include, but are not limited to:

*Bio-physico-chemical
processes in soils
Innovative materials &
methods*

*Instrumentation & monitoring
Climate change vulnerability
Foundations
Infrastructure applications
Geosynthetics*

*Liquefaction mitigation
3-D printing of soil
Resilient design
Filtration
Building on marginal sites
Site characterization
Chemical modification
Biomediated approaches
Case histories*

*Retrofitting & upgrading
Forensics & litigation
Models and simulations
Ground freezing
Regulations and specifications
Carbon sequestration
Ground engineering
education
Artificial intelligence*

INTENTION TO MAKE A PRESENTATION: Send by e-mail to bourdeau@purdue.edu an abstract using the attached form by **Monday, February 10, 2025.**

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