

CALL FOR PRESENTATIONS

Purdue Geotechnical Society Workshop

and the

16th G.A. Leonards Lecture

“Protecting sensitive structures from tunneling in urban environments”

Professor Eduardo Alonso

Universidad Politécnica de Cataluña, Spain

Friday, April 27, 2018, Purdue University, West Lafayette, IN

Registration required for workshop and banquet; lecture at 4:30p.m. free & open to the public.

Workshop

“URBAN GEOTECHNICS”

Friday, April 27, 2018, 8:00a.m. - 4:00p.m.,

Burton D. Morgan Center for Entrepreneurship, Purdue University, West Lafayette, IN

Presentations are invited on geotechnical challenges created by working in an urban environment, including: unique approaches to design and construction; discussions of technical, economic or social obstacles and potential means to overcome them; and needs for new engineering strategies and related methodologies in research, practice and education.

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 own presentation on the PGS Web site after the workshop.

Topics of interest include, but are not limited to:

Development of underground space

Foundations and deep excavations

Safeguarding of historic buildings

Case histories and unique structures

Legal aspects and litigation

Risk assessment and management

Retrofitting

Lifelines

Support systems

Monitoring

Planning and logistics

Sustainable solutions

Observational method

Ground improvement

Models and simulations

Site accessibility challenge

Geo-archeology

Implications for education

For more information contact Philippe Bourdeau at bourdeau@purdue.edu

INTENTION TO MAKE A PRESENTATION: Send by e-mail an abstract using the attached form by **Friday, February 23rd.**