

CALL FOR PRESENTATIONS

Purdue Geotechnical Society Workshop

and the

12th G.A. Leonards Lecture:

“Advances in the analysis of thermo-active foundations”

Prof. Lyesse Laloui

Swiss Federal Institute of Technology, Lausanne (EPFL)

Saturday, April 26, 2014, Krannert Auditorium, Purdue University, West Lafayette, IN
Registration required for workshop and banquet; lecture at 4:30p.m. free & open to the public.

Geotechnical Workshop on “ENERGY GEOTECHNICS”

Saturday, April 26, 2014, 8:00a.m.-4:00p.m, Purdue Memorial Union

Presentations are invited on geotechnical aspects of energy resources exploration, energy production, distribution, and related geo-environmental problems, including analysis, experimentation and field experience. Both conventional (hydro-carbon, nuclear, and hydraulic) and alternative (geothermal, solar, aeolian, biological, etc.) sources of energy are considered.

The concept of the workshop is of 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:

<i>Exploration for energy resources</i>	<i>Geophysics related to energy</i>	<i>Lab & Field testing</i>
<i>Soils thermo-hydro-mechanics</i>	<i>Aquifer thermodynamics</i>	<i>Analysis & simulation</i>
<i>Case histories</i>	<i>New technology assessment</i>	<i>Instrumentation</i>
<i>Hydraulic fracturing</i>	<i>Gas sequestration</i>	<i>Oil sands/shales</i>
<i>Energy storage</i>	<i>Thermo-piles</i>	<i>Bio-energy</i>
<i>Bio-reactor landfills</i>	<i>By-product tailings</i>	<i>Induced seismicity</i>
<i>Waste storage/disposal</i>	<i>Ground contamination remediation</i>	<i>Hydro-power dams</i>
<i>Special foundations for alternative energy production & energy transport</i>		

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

INTENTION TO MAKE A PRESENTATION: Send by e-mail to pgs@ecn.purdue.edu an abstract with the following form by **Friday, February 28:**

Presenter: _____

Organization: _____

Address 1: _____

Address 2: _____

City: _____

Phone: _____

PowerPoint projector needed ____

Other A/V needs ____ (specify below)

State: _____ Zip Code: _____

Email: _____

Title of Presentation:

Abstract (Max. 300 words):