

Geotechnical design of structures and roads

International seminar

Targeted audience

Engineers from engineering companies or departments,
Engineers from national laboratories,
Teachers from engineers schools and universities.

Objectives

This seminar is organised with the co-operation of APAGEO, Eiffage Travaux Publics, CERMES, LCPC, SCETAUROUTE, SOLETANCHE BACHY. It shall permit the trainees to further :

- use the most recent techniques of geotechnical engineering to design civil engineering structures,
- be in position to select the best fitted design and construction techniques according to the geotechnical conditions of the project.

Paris	From Monday 10th april to 30 april 2013	Inscriptions : Tél : +331 4251 6116 Fax : +331 4251 6131	Session n° 23018	7 000 € + TVA Lunches included
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Coordination : M. Pierre DELAGE / CERMES
M. Roger FRANK / CERMES
M. Michel GAMBIN / APAGEO

Organisation : [Catherine BAROT / Metratch](#)

wednesday 10 th april	wednesday 17 th april	wednesday 24 th april
Soil mechanics revisited M. Yu Jun CUI Cermes	Dams M. DEROO ISL	Earthworks M. Thierry MOLLIER Scetauroute
thursday 11th april Boring and sampling methods Cabinet Guillermain Soil behaviour and elastic plastic constitutive law M. Pierre DELAGE	Soudding pathologies of deep foundations M. ROCHER-LACOSTE LCPC	Soil classification anc compaction M. Thierry MOLLIER
friday 12th april Water tests M. Pierre DELAGE M. Frédéric DURAND Fugro Géotechnique Modelling soil behaviour M. Pierre DELAGE	thursday 18th april Pile instrumentation M. ROCHER-LACOSTE M. Roger FRANK	thursday 25th april Soil treatment M. Thierry MOLLIER
monday 15th april Practical work n°1 Mechanic tests in laboratory M. Emmanuel de LAURE ENPC-Cermes Practical work n°2 Mechanic tests in situ M. Emmanuel de LAURE	friday 19th april Deep foundations M. Roger FRANK	Pavement and capping layer : tests and fabrication M. Bernard HERITIER Appia – Eiffage TP
tuesday 16th april Shallow foundations M. Yu Jun CUI Embankments M. FERBER LCPC	friday 26th april Retaining structures M. Roger FRANK	friday 26th april Technical visit n°2 M. Bernard HERITIER
	monday 22th april Soil improvement and mecanic processing M. Jean-Marc DEBATS Vibroflotation	monday 29 april Road tests M. POUCHELLE Scetauroute
	tuesday 23th april Technical visit n°1 M. Nicolas UTTER Soletanche-Bachy	tuesday 30 april Discussion : roads problematics in Africa