

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 4th to Friday 22th april 2011	Inscriptions : Tél : +331 4251 6116 Fax : +331 4251 6131	Session n° 41001	6 650 €+ TVA Lunches included
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Coordination : M. Pierre DELAGE / CERMES
M. Roger FRANK / CERMES
M. Michel GAMBIN / APAGEO

Organisation : [Florent STREIFF / Metratch](#)

monday 4th april

Soil mechanics revisited
M. Yu Jun CUI
Cermes

tuesday 5th april

Boring and sampling methods
Cabinet Guillermain
Soil behaviour and elastic plastic
constitutive law
M. Pierre DELAGE

wednesday 6th april

Water tests
M. Pierre DELAGE
M. Frédéric DURAND
Fugro Géotechnique
Modelling soil behaviour
M. Pierre DELAGE

thursday 7th 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 8th april

Shallow foundations
M. Yu Jun CUI
Embankments
M. FERBER
LCPC

monday 11th april

Dams
M. DEROO
ISL

Soudding pathologies of deep foundations
M. ROCHER-LACOSTE
LCPC

tuesday 12th april

Pile instrumentation
M. ROCHER-LACOSTE
M. Roger FRANK

Deep foundations
M. Roger FRANK

wednesday 13th april

Retaining structures
M. Roger FRANK

Soil improvement and mecanic processing
M. Jean-Marc DEBATS
Vibroflotation

thursday 14th april

Soil reinforcement and soil improvement
M. Jean-Marc DEBATS

Soil reinforcement and soil improvement
M. PLUMELLE

friday 15th april

Technical visit n°1
M. Nicolas UTTER
Soletanche-Bachy

monday 18th april

Earthworks
M. Thierry MOLLIER
Scetauroute

Soil classification anc compaction
M. Thierry MOLLIER

tuesday 19th april

Soil treatment
M. Thierry MOLLIER

Pavement and capping layer : tests and
fabrication
M. Bernard HERITIER
Appia – Eiffage TP

wednesday 20th april

Technical visit n°2
M. Bernard HERITIER

thursday 21th april

Road tests
M. POUCHELLE
Scetauroute

Geoenvironmental engineering
Sépia

friday 22th april

Discussion : roads problematics in Africa