

Geotechnical design of structures and roads

9th to 30th April 2014
Paris
7 200€ ex VAT Lunches included
34018

PONTS FORMATION CONSEIL
Vecteur de performance

This seminar is organized with the co-operation of APAGEO, Eiffage Travaux Publics, CERMES, IFSTTAR, SCETAUROUTE, and 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

Organization

Catherine Barot
Metratech

Coordination

Pierre DELAGE
École des Ponts – ParisTech
Roger FRANK
École des Ponts – ParisTech
Michel GAMBIN
APAGEO

Inscriptions

Tél : +331 4251 6111
Fax : +331 4251 6131

Targeted audience

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

Wednesday 9th April

■ 14h00 **Yu Jun CUI** *École des Ponts – ParisTech*

- Soil mechanics revisited

Thursday 10th April

■ 9h30 **Pierre DELAGE**

- Soil behavior and elastic plastic constitutive law

Friday 11th April

■ 9h30 **Patrick BERTHELOT** *Bureau Véritas*
- Water tests (1)

■ 14h00 **Roger FRANK & Michel GAMBIN**
- Water tests (2)

Monday 14th April

■ 9h30 **Emmanuel DE LAURE** *École des Ponts – ParisTech*

- Practical work n°1
Mechanic tests in laboratory

- Practical work n°2
Mechanic tests in situ

Tuesday 15th April

■ 9h30 **Frédéric ROCHER-LACOSTE** et **Roger FRANK**

Pile instrumentation

■ 14h00 **Frédéric ROCHER-LACOSTE** *IFSTTAR*
Souding pathologies of deep foundations

Wednesday 16th April

■ 9h30 **Roger FRANK**

- Shallow foundations

■ 14h00 **Roger FRANK**

- Deep foundations

Thursday 17th April

■ 9h30 **Roger FRANK**

- Retaining structures

■ 14h00 **Yasmina BOUSSAFIR** *IFSTTAR*

- Embankments

Friday 18th April

■ 9h30 **Moez JELLOULI** *ISL*

- Dams

■ 14h00 **Michel BASTICK** *Egis*

- Soil reinforcement and soil improvement

Monday 21st April

Easter Day, public holiday

Tuesday 22nd April

■ 9h30 **Jean-Marc DEBATS** *Vibroflotation*

- Soil improvement and mechanic processing
- Soil reinforcement and soil improvement

Wednesday 23rd April

■ 9h00 Technical visit n°1
Solétanche-Bachy

Thursday 24th April

■ 9h30 **Pierre DELAGE**

- Geoenvironmental engineering

■ 14h00 **Gerald ROBERT** *Egis*

- Road earthworks (1)

Friday 25th April

■ 9h30 **Gerald ROBERT**

- Road earthworks (2)

Monday 28th April

■ 8h30 Technical visit n°2
Bernard HERITIER

Tuesday 29th April

■ 9h30 **David POUCHELLE** *Egis*

- Road clean-up

■ 14h00 **Bernard HERITIER** *Appia – Eiffage TP*

- Pavement and capping layer : tests and fabrication

Wednesday 30th April

■ 09h30 **Élie ABSI** *UISE*, **Michel GAMBIN**,
Jean-Claude TIJOU *Rincen-BTP*

Discussion : roads problematic in Africa

Workdays end at 5:30 pm

This seminar takes place in Maison des Ponts, 15 rue de la Fontaine au Roi 75011 Paris