

Geotechnical design of structures and roads

14th of April to 4th of May 2016
Paris
7 500 € ex VAT lunches included
56018

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

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Inscriptions

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Targeted audience

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

Thursday, 14th of April

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

- Soil mechanics revisited

Friday, 15th of April

■ 9h30 **Pierre DELAGE**

- Soil behavior and elastic plastic constitutive law

Monday, 18th of April

■ 9h30 **Patrick BERTHELOT** *Bureau Véritas*

- Water tests (1)

■ 14h00 **Roger FRANK & Michel GAMBIN**

- Water tests (2)

Tuesday, 19th of 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

Wednesday, 20th of April

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

Pile instrumentation

■ 14h00 **Frédéric ROCHER-LACOSTE** *IFSTTAR*

Soudding pathologies of deep foundations

Thursday, 21st of April

■ 9h30 **Roger FRANK**

- Shallow foundations

■ 14h00 **Roger FRANK**

- Deep foundations

Friday, 22nd of April

■ 9h30 **Roger FRANK**

- Retaining structures

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

- Embankments

Monday, 25th of April

■ 9h30 **Moez JELLOULI** *ISL*

- Dams

■ 14h00 **Michel BASTICK** *Egis*

- Soil reinforcement and soil improvement

Tuesday, 26th of April

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

- Soil improvement and mechanic processing

- Soil reinforcement and soil improvement

Wednesday, 27th of April

■ 9h00 Technical visit n°1
Solétanche-Bachy

Thursday, 28th of April

■ 9h30 **Pierre DELAGE**

- Geoenvironmental engineering

■ 14h00 **Gerald ROBART** *Egis*

- Road earthworks (1)

Friday, 29th of April

■ 9h30 **Gerald ROBART**

- Road earthworks (2)

Monday, 2nd of May

■ 8h30 Technical visit n°2

Bernard HERITIER

Tuesday, 3rd of May

■ 9h30 **David POUCHELLE** *Egis*

- Road clean-up

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

- Pavement and capping layer : tests and fabrication

Wednesday, 4th of May

■ 09h30 **Élie ABSI** *UISF*, **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