

From field and laboratory testing to geotechnical design - parameter derivation -

A half day seminar at Imperial College

1:00 – 4:30pm 18th March 2020, followed by Rankine lecture at 5:30pm

Chair: Prof. Lidija Zdravkovic, Imperial College

Session 1		1:00 – 2:30
<i>Interpretation of CPT results: insights from experimental research</i>	Prof. Rodrigo Salgado <i>Purdue University, USA</i>	1:00 – 1:20
<i>Application of CPT in the reliability-based assessment of dykes and embankments</i>	Prof. Michael Hicks <i>TU Delft, The Netherlands</i>	1:20 – 1:40
<i>Calibrating design parameters for problem soils from medium-scale field tests</i>	Prof. Richard Jardine <i>Imperial College London, UK</i>	1:40 – 2:00
<i>Discussion</i>	All	2:00 – 2:30
Coffee break		2:30 – 3:00
Session 2		3:00 – 4:30
<i>Ground characterisation for the development of nuclear sites</i>	Dr. Iain Tromans <i>Jacobs, UK</i>	3:00 – 3:20
<i>Characterisation of serviceability and stability parameters for infrastructure slopes in stiff plastic clays</i>	Dr. Nebojša Kovačević <i>Geotechnical Consulting Group, UK</i>	3:20 – 3:40
<i>Advanced constitutive models for sands: calibration, pitfalls and application to the design of offshore monopiles</i>	Dr. David Taborda <i>Imperial College London, UK</i>	3:40 – 4:00
<i>Discussion</i>	All	4:00 – 4:30

Venue:

Imperial College London, Department of Civil & Environmental Engineering
Skempton Building, London SW7 2BU

Main room:

LT 164 – ground floor, Skempton Building

Overflow room:

LT 201 – first floor, Skempton Building