Imperial College London





Engineering Resilient Infrastructure

A half day seminar at Imperial College

1:00 – 4:30pm 20th March 2019, followed by Rankine lecture at 5:30pm

Chair:	Prof.	David	Potts.	Impe	erial	College
			,			

Session 1	1:00 - 2:30	
Controlled lateral buckling of offshore pipelines resting on soft seabed soils	Prof. Chris Martin Oxford University, UK	1:00 - 1:20
Real-time seismic crisis management framework for motorway systems	Prof. Ioannis Anastasopoulos ETH Zurich, Switzerland	1:20 - 1:40
Performance based design of tied back steel sheet pile walls under seismic actions	Prof. Giulia Viggiani University of Cambridge, UK	1:40 - 2:00
Discussion	All	2:00 - 2:30
Coffee b	2:30 - 3:00	
Session 2		3:00 - 4:30
Infrastructure embankments: long-term interaction with atmospheric conditions	Prof. Lidija Zdravkovic Imperial College London, UK	3:00 - 3:20
Stabilisation of excavated slopes with piles: considerations for materials with distinct strain softening behaviour	Dr. Stavroula Kontoe Imperial College London, UK	3:20 - 3:40
High Speed 2: Geotechnical and commercial challenges for a resilient railway	Dr. Stuart Hardy Arup, UK	3:40 - 4:00
Discussion	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