

Programme Overview
**7th International
 Conference
 on Physical Modelling
 in Geotechnics**

**Technical Committee 2
 International Society for Soil Mechanics
 and Geotechnical Engineering**

Sunday 27th June

17.00 – 20.00 **ETH Zurich Zentrum
 Registration Main Building HG, Foyer
 Main entrance, ground floor E on 27th June only**

18.00 – 20.00 **ETH Zurich Zentrum
 Ice-Breaker Main Building HG, floor J, Dozentenfoyer**

Note: The main Conference Venue is
 ETH Zurich, Campus Science City (Hönggerberg).

Monday 28th June

8.00 – 17.00 **HPH Foyer, Information Desk**
Registration
 ETH Campus Science City, HPH Building, Information Desk

9.30 – 11.00 **HPH G1**
Opening Ceremony
Minister R. Aeppli, Member of the Zurich Cantonal Government
Prof. H. Wunderli-Allenspach, Dean ETH Zurich
Prof. R.N. Taylor, Secretary General ISSMGE
Prof. S.M. Springman, Dr. J. Laue, ETH Zurich
Invited Lecture
Prof. R.N. Taylor **Soil – Structure – Interaction**
Co-Chairs *J. Laue, S.M. Springman*

Coffee Break

11.30 – 12.45 **HPH G1**
General Reporter Session 1
A. McNamara **Excavations & retaining structures**
D. König **Tunnels**
M.F. Bransby **Shallow foundations**
D.J. White **Single piles**
Co-Chairs *J. Grabe, D. Muir Wood*

Lunch Break

14.00 – 15.30
Paper Presentations

S. O1-1 HPH G1 Tunnels Co-Chairs <i>D. König</i> <i>G.M.B. Viggiani</i>	S. O1-2 HPH G2 Excavations & retaining structures Co-Chairs <i>F.H. Lee</i> <i>A. McNamara</i>	S. O1-3 HPH G3 Shallow foundations Co-Chairs <i>M.F. Bransby</i> <i>A. Hettler</i>
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Coffee/Tea Break

16.00 – 18.00 *Poster exhibition after presentations in the HPH Foyer*
Oral Poster Presentations

S. P1-1 HPH G1 Excavations, retaining structures & shallow foundations Chair <i>X.F. Ma</i>	S. P1-2 HPH G2 Tunnels & pipelines Chair <i>M. Hossain</i>	S. P1-3 HPH G3 Single piles & pile groups Chair <i>D. Airey</i>
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17.00 – 18.00 **HPI D8.3
 TC2 Meeting**

18.00 – 21.00 **HPH Restaurant
 Swasian Sunset**

Tuesday 29th June

8.30 – 17.00 **HPH Foyer, Information Desk**
Registration
 ETH Campus Science City, HPH Building, Information Desk

9.00 – 9.45 **HPH G1**
Keynote Lecture 1
M.C.R. Davies **Natural Hazards**
Co-Chairs *M.D. Bolton, L. Thorel*

9.45 – 10.45 **HPH G1**
General Reporter Session 2
B. Caicedo **Slopes**
B.V.S. Viswanadham **Dams & embankments**
W.A. Take **Natural hazards**

Coffee Break

11.15 – 12.45
Paper Presentations

S. O2-1 HPH G1 Facilities Co-Chairs <i>D.S. Kim</i> <i>R. Phillips</i>	S. O2-2 HPH G2 Slopes Co-Chairs <i>E.T. Bowman</i> <i>B. Caicedo</i>	S. O2-3 HPH G3 Dams & embankments Co-Chairs <i>A. Bezuijen</i> <i>B.V.S. Viswanadham</i>
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Lunch Break

14.00 – 15.30
Paper Presentations

S. O2-4 HPH G1 Education & similitude Co-Chairs <i>S.P.G. Madabhushi</i> <i>J.S. Sharma</i>	S. O2-5 HPH G2 Natural hazards & environmental geotechnics Co-Chairs <i>K. Soga</i> <i>W.A. Take</i>	S. O2-6 HPH G3 Single piles Co-Chairs <i>M. Achmus</i> <i>D.J. White</i>
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Coffee/Tea Break

16.00 – 18.00 *Poster exhibition after presentations in the HPH Foyer*
Oral Poster Presentations

S. P2-1 HPH G1 Facilities & new equipment, sensors & experimental techniques Chair <i>D. Wilson</i>	S. P2-2 HPH G2 Similitude & liquefaction Chair <i>T. Abdoun</i>	S. P2-3 HPH G3 Slopes, dams & embankments, natural hazards & protection measures Chair <i>B. Teymur</i>
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18.00 – 19.15 **HPH G1**
Public Lecture
S.M. Springman **Celebrating 75 years of soil mechanics at ETH Zürich**
R.S. Steedman **Flooding New Orleans: modelling the Hurricane Katrina disaster**

Wednesday 30th June

8.30 – 17.00	HPH Foyer, Information Desk	
Registration		
ETH Campus Science City, HPH Building, Information Desk		
9.00 – 9.45	HPH G1	
Keynote Lecture 2		
A. Elgamal Earthquake Engineering		
Co-Chairs R.W. Boulanger, Y.J. Hou		
9.45 – 10.45	HPH G1	
General Reporter Session 3		
S.K. Haigh Liquefaction		
M.P.Z. Brown Piles under cyclic & dynamic loads		
C.D. O'Loughlin Offshore engineering		

Coffee Break

11.15 – 12.45	HPH G1	
Discussion Session		
Similitude & TC2 Catalogue on Scaling Laws		
General Reporter		
T. Tobita Similitude		
A. Bezuijen Scaling of hydraulic processes		
B. Caicedo Potentialities and challenges of centrifuge modelling on unsaturated soils		
L. Diharou Stiffness design for granular materials – a theoretical and experimental approach		
Co-Chairs J. Garnier, J.G. Zornberg		

Lunch Break

14.00 – 15.30	HPH G1		
Paper Presentations			
S. O3-1 HPH G1 Offshore systems	S. O-2 HPH G2 Piles under cyclic & dynamic loads	S. O3-3 HPH G3 Liquefaction	
Co-Chairs S. Gourvenec C.D. O'Loughlin	Co-Chairs M.P.Z. Brown J. Takemura	Co-Chairs S.K. Haigh T. Tobita	

Coffee/Tea Break

16.00 – 18.00	Poster exhibition after presentations in the HPH Foyer	
Oral Poster Presentations		
S. P3-1 HPH G1 Cyclic piles & offshore systems	S. P3-2 HPH G2 Ground improvement & environmental geotechnics	
Chair S. Gourvenec	Chair M. Kitazume	

Break

19.15 – 20.15	Albisgütli
Drinks	
20.15 – 23.00	Albisgütli
Gala Dinner	
Welcome S.M. Springman	
Speaker M.D. Bolton	

Thursday 1st July

8.30 – 15.30	HPH Foyer, Information Desk	
Registration		
ETH Campus Science City, HPH Building, Information Desk		
9.00 – 9.45	HPH G1	
Keynote Lecture 3		
F.H. Lee Soft Soil Engineering		
Co-Chairs P.Y. Foray, C.W.W. Ng		
9.45 – 10.45	HPH G1	
General Reporter Session 4		
V. Fioravante Ground improvement		
E.A. Ellis Pile groups		
C. Gaudin New equipment, sensors & experimental techniques		

Coffee Break

11.15 – 12.45	HPH G1		
Paper Presentations Parallel Sessions			
S. O4-1 HPH G1 New equipment, sensors & experimental techniques	S. O4-2 HPH G2 Ground improvement	S. O4-3 HPH G3 Pile groups	
Co-Chairs W.H. Craig C. Gaudin	Co-Chairs V. Fioravante C.F. Leung	Co-Chairs E.A. Ellis O. Hededal	

Lunch Break

14.00 – 15.30	HPH G1	
Discussion Session		
Industry Practice		
Presentations		
C. Gaudin Physical modelling with industry – Overview of practices and benefits		
P.E.L. Schaminée STREAM: A method to facilitate efficient data exchange and archiving		
Panellists		
M.S.S. Almeida (S America), S. Jacobsz (Africa), C.J. Lee (Asia), S.E. Stallebrass (Europe), I. Sasanakul (N America)		
Chair M.C.R. Davies (Oceania)		

15.30 – 16.30	HPH G1	
Special Lecture, Closing Ceremony		
W.H. Craig Heritage lecture		
C. Gaudin ICPMG 2014 UWA, Perth, Australia		
C. Gaudin TC2 -> TC104		
Co-Chairs		
J. Laue A final thought		
S.M. Springman The last word		

17.00 – 21.00	Zurich Main Railway Station
Post Conference Construction Site Tour	