



## Sunday 27<sup>th</sup> 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 <b>HPH G1</b> Tunnels  <b>Co-Chairs</b> <i>D. König</i> <i>G.M.B. Viggiani</i>	S. O1-2 <b>HPH G2</b> Excavations & retaining structures  <b>Co-Chairs</b> <i>F.H. Lee</i> <i>A. McNamara</i>	S. O1-3 <b>HPH G3</b> Shallow foundations  <b>Co-Chairs</b> <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 <b>HPH G1</b> Excavations, retaining structures & shallow foundations <b>Chair</b> X.F. Ma	S. P1-2 <b>HPH G2</b> Tunnels & pipelines <b>Chair</b> M. Hossain	S. P1-3 <b>HPH G3</b> Single piles & pile groups <b>Chair</b> D. Airey
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17.00 – 18.00 **HPI D8.3 TC2 Meeting**

18.00 – 21.00 **HPH Restaurant**  
**Swasian Sunset**

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

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

## Monday 28<sup>th</sup> 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 <b>HPH G1</b> Facilities  <b>Co-Chairs</b> <i>D.S. Kim</i> <i>R. Phillips</i>	S. O2-2 <b>HPH G2</b> Slopes  <b>Co-Chairs</b> <i>E.T. Bowman</i> <i>B. Caicedo</i>	S. O2-3 <b>HPH G3</b> Dams & embankments  <b>Co-Chairs</b> <i>A. Bezuijen</i> <i>B.V.S. Viswanadam</i>
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Lunch Break

14.00 – 15.30 **Paper Presentations**

S. O2-4 <b>HPH G1</b> Education & similitude  <b>Co-Chairs</b> <i>S.P.G. Madabhushi</i> <i>J.S. Sharma</i>	S. O2-5 <b>HPH G2</b> Natural hazards & environmental geotechnics  <b>Co-Chairs</b> <i>K. Soga</i> <i>W.A. Take</i>	S. O2-6 <b>HPH G3</b> Single piles  <b>Co-Chairs</b> <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 <b>HPH G1</b> Facilities & new equipment, sensors & experimental techniques <b>Chair</b> D. Wilson	S. P2-2 <b>HPH G2</b> Similitude & liquefaction  <b>Chair</b> T. Abdoun	S. P2-3 <b>HPH G3</b> Slopes, dams & embankments, natural hazards & protection measures <b>Chair</b> B. Teymur
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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

## Tuesday 29<sup>th</sup> 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. Dighoru* Stiffness design for granular materials – a theoretical and experimental approach  
**Co-Chairs** J. Garnier, J.G. Zornberg

Lunch Break

14.00 – 15.30 **Paper Presentations**

S. O3-1 <b>HPH G1</b> Offshore systems  <b>Co-Chairs</b> <i>S. Gourvenec</i> <i>C.D. O'Loughlin</i>	S. O-2 <b>HPH G2</b> Piles under cyclic & dynamic loads  <b>Co-Chairs</b> <i>M.P.Z. Brown</i> <i>J. Takemura</i>	S. O3-3 <b>HPH G3</b> Liquefaction  <b>Co-Chairs</b> <i>S.K. Haigh</i> <i>T. Tobita</i>
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Coffee/Tea Break

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

S. P3-1 <b>HPH G1</b> Cyclic piles & offshore systems <b>Chair</b> S. Gourvenec	S. P3-2 <b>HPH G2</b> Ground improvement & environmental geotechnics <b>Chair</b> M. Kitazume
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Break

19.15 – 20.15 **Albisgütli**  
**Drinks**

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

## Wednesday 30<sup>th</sup> June

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 **Paper Presentations Parallel Sessions**

S. O4-1 <b>HPH G1</b> New equipment, sensors & experimental techniques  <b>Co-Chairs</b> <i>W.H. Craig</i> <i>C. Gaudin</i>	S. O4-2 <b>HPH G2</b> Ground improvement  <b>Co-Chairs</b> <i>V. Fioravante</i> <i>C.F. Leung</i>	S. O4-3 <b>HPH G3</b> Pile groups  <b>Co-Chairs</b> <i>E.A. Ellis</i> <i>O. Hededal</i>
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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**