

Monday, 12th September 2016

8:00 – 8:30	Reception (Hall)		
8:30 – 9:00	Opening Ceremony (Cauchy)		
9:00 - 10:30	<p>Plenary Session (Cauchy)</p> <p><i>European distinguished lecture (selected by TC106)</i> Prof. Yu-Jun Cui (Ecole des Ponts ParisTech, France) <i>Unsaturated railway track-bed materials</i></p> <p><i>Plenary Lectures</i> Prof. Nasser Khalili (U. New South Wales, Australia) <i>Effective stress and Energetics of Unsaturated Soils</i> Prof. Tom Schanz (Ruhr Universiteit Bochum, Germany) <i>Transient boundary conditions in the frame of THM-processes in nuclear waste repositories</i></p>		
10:30 – 11:00	Coffee break (Hall)		
11:00 – 12:30	<p>Session 1a (Cauchy) Microstructure</p> <p><i>Oral presentations</i></p>	<p>Session 1b (Navier) Thermal and chemical effects</p> <p><i>Oral presentations</i></p>	<p>Session 1c (M001) Foundation</p> <p><i>Oral presentations</i></p>
12:30 – 13:55	Lunch (Bienvenüe)		
13:55 – 15:30	<p>Session 2a (Cauchy) Advances in experimental methods: Mechanical properties</p> <p><i>Invited Lecture</i> Prof. Alessandro Tarantino (U. Strathclyde, UK) <i>Advances in the monitoring of geo-structure subjected to climate loading</i></p> <p><i>Oral presentations</i></p>	<p>Session 2b (Navier) Water retention properties</p> <p><i>Invited Lecture</i> Prof. Cristina Jommi (TU Delft, The Netherlands) <i>Fabric and clay activity in soil water retention behaviour</i></p> <p><i>Oral presentations</i></p>	<p>Session 2c (M001) Numerical modelling</p> <p><i>Invited Lecture</i> Prof. Frédéric Collin (U. Liège, Belgium) <i>Modelling an in-situ ventilation test in the ANDRA URL</i></p> <p><i>Oral presentations</i></p>
15:30 – 16:00	Coffee break (Hall)		
16:00 – 18:00	<p>Session 2a (Cauchy) Advances in experimental methods: Mechanical properties</p> <p><i>Oral presentations</i></p>	<p>Session 2b (Navier) Water retention properties</p> <p><i>Oral presentations</i></p>	<p>Session 2c (M001) Numerical modelling</p> <p><i>Oral presentations</i></p>

Tuesday, 13th September 2016

9:00 - 10:30	<p>Plenary Session (Cauchy)</p> <p><i>Keynote Lecture</i> Prof. Weimin Ye (Tongji U., Shanghai, China) <i>The thermo-hydro-chemo-mechanical behaviour of compacted GMZ bentonite</i></p> <p><i>Plenary Lectures</i> Prof. Charles Augarde (Durham U., UK) <i>Challenges in treating earthen construction materials as unsaturated soils</i> Prof. Giuseppe Buscarnera (Northwestern U. USA) <i>Pore pressure instabilities in soils: modeling the role of saturation conditions</i></p>		
10:30 - 11:00	Coffee break (Hall)		
11:00 - 12:30	<p>Session 3a (Cauchy) Soil-vegetation-atmosphere interactions</p> <p><i>Oral presentations</i></p>	<p>Session 3b (Navier) Environmental Geotechnics (TC215-TC106)</p> <p><i>Oral presentations</i></p>	<p>Session 3c (M001) Numerical modelling</p> <p><i>Oral presentations</i></p>
12:30 - 14:00	Lunch (Bienvenüe)		
13:55 - 15:30	<p>Session 4a (Cauchy) Advances in experimental methods: Hydraulic properties</p> <p><i>Invited Lecture</i> Prof. Philippe Cosenza (U. Poitiers, France) <i>Geophysical determination of soil water content</i></p> <p><i>Oral presentations</i></p>	<p>Session 4b (Navier) Slope stability</p> <p><i>Invited Lecture</i> Prof. Paul Hughes (Durham U., UK) <i>Challenges in monitoring and managing engineered slope stability in a changing climate</i></p> <p><i>Oral presentations</i></p>	<p>Session 4c (M001) Mechanical behaviour</p> <p><i>Invited Lecture</i> Dr. Nadia Mokni (IRSN, France) <i>SEALEX In-Situ Experiments- Performance Tests of Repository Seals: Exp. observations and modelling</i></p> <p><i>Oral presentations</i></p>
15:30 - 16:00	Coffee break (Hall)		
16:00 - 18:00	<p>Session 4a (Cauchy) Advances in experimental methods: Hydraulic properties</p> <p><i>Oral presentations</i></p>	<p>Session 4b (Navier) Slope stability</p> <p><i>Oral presentations</i></p>	<p>Session 4c (M001) Mechanical behaviour</p> <p><i>Oral presentations</i></p>
20:00	<p>Gala Dinner at The Train Bleu Restaurant (Gare de Lyon)</p>		

Wednesday, 14th September 2016

8:55 - 10:30	<p>Session 5a (Cauchy) Constitutive modelling</p> <p><i>Invited Lecture</i> Dr. Victor Vilarrasa (EPFL, Switzerland) <i>Multiphase issues in CO2 geological storage</i></p> <p><i>Oral presentations</i></p>	<p>Session 5b (Navier) Mechanical behaviour</p> <p><i>Invited Lecture</i> Prof. Giacomo Russo (U. di Cassino e del Lazio Meridionale, Italia) <i>Chemo-physical evolution and microstructure features of lime treated soils</i></p> <p><i>Oral presentations</i></p>	<p>Session 5c (M001) Water transport properties</p> <p><i>Invited Lecture</i> Prof. Francesca Casini (U. Tor Vergata, Italy) <i>Infiltration-induced Slope Instability: a multi scale approach</i></p> <p><i>Oral presentations</i></p>
10:30 - 11:00	Coffee break (Hall)		
11:00 - 12:30	<p>Session 5a (Cauchy) Constitutive modelling</p> <p><i>Oral presentations</i></p>	<p>Session 5b (Navier) Mechanical behaviour</p> <p><i>Oral presentations</i></p>	<p>Session 5c (M001) Water transport properties</p> <p><i>Oral presentations</i></p>
12:30 - 14:00	Lunch (Bienvenüe)		
14:00 - 15:30	<p>Session 6a (Cauchy) Dams and dykes</p> <p><i>Oral presentations</i></p>	<p>Session 6b (Navier) Transportation infrastructure</p> <p><i>Oral presentations</i></p>	<p>Session 6c (M001) Nuclear waste disposal</p> <p><i>Oral presentations</i></p>
15:30 - 16:00	Coffee break (Hall)		
16:00 - 18:00	<p>Plenary Session (Cauchy)</p> <p><i>Plenary Lectures</i> Dr. Gilles Armand (Andra, France) <i>Inputs from in situ experiments to the understanding of unsaturated behaviour of the COx claystone</i> Prof. Alberto Ledesma (Universitat Politecnica de Catalunya, Spain) <i>Cracking in desiccating soils</i></p> <p><i>Keynote Lecture</i> Prof. Majid Hassanizadeh (U. Utrecht, The Netherlands) <i>Advances in experimental and computational studies of flow in unsaturated porous media</i></p> <p><i>Closing Ceremony</i></p>		