Sunday 4 September Azurém (EEUM)	Auditorium EC1.01
09h00 09h15	**Opening Session** Roger Frank; António Gomes Correia; Joaquim Tinoco
	Session One Chair: António Gomes Correia
09h15 10h15	**Inaugural Lecture**: "*The future of geotechnical engineering - Some thoughts*" by Prof. Roger Frank (President of ISSMGE)
10h15 11h00	**Invited Lecture:** "*Journal Publishing and the Basket of Metrics*" by Chris Greenwell (Elsevier Publishing Director for Engineering)
11h00 11h30	Coffee break
	Session Two Chair: Cristina Alves Ribeiro; Moderators: David Milne & Takahisa Nakamura
11h30 11h40	"*A Model Incorporating Large Strain and Nonlinear Soil Properties for PVD-assisted Consolidation*" by R. Zhong, B. Indraratna & C. Rujikiatkamjorn
11h40 11h50	"*Evaluation of Granular Material Degradation in Repeated Load Triaxial Test*" by C. Lima, C. Silva & L. Motta
11h50 12h00	"*Intelligent Earthworks Optimization System*" by M. Parente, A. Gomes Correia & P. Cortez
12h00 12h10	"*Optimum Design of Unpaved Roads Reinforced With Geotextiles: Comparison of Internationally Published Methodologies*" by S. Karavasili, S. Tastani & I. Markou
12h10 12h20	"*Soil-Transition Slab Interaction in Jointless Bridges*" by C. Fartaria, A. Pinto & D. Gama
12h20 12h45	Discussion
12h45 14h00	Lunch
	Session Three Chair: André Paixão; Moderators: Johannes Pistrol & Fabian Szymkiewicz
14h00 14h10	"*Testing Soil Compaction – High-speed Measurements of scaled Falling Weights*" by H. Pankrath, R. Atencio, A. Knut & R. Thiele
14h10 14h20	"*Effect of the soil's suction history on the small strain behavior*" by A. Heitor, B. Indraratna & C. Rujikiatkamjorn
14h20 14h30	"*Landslide susceptibility of geotechnical assets on transportation networks: Irish Rail case study*" by K. Martinović, K. Gavin & C. Reale
14h30 14h40	"*Modeling of lateral sleeper-ballast interaction on rail track*" by J. Barreto & J. Varandas
14h40 14h50	"*Monitoring Track Defects on a Ballasted High Speed Railway*" by D. Milne
14h50 15h00	"*Trend of Research for Transportation Geotechnics in Japan (TC202 Japanese Domestic Committee Activity)*" by T. Nakamura
15h00 15h10	"*Use of data mining tools for cut soil slope condition state identification*" by J. Tinoco, A. Gomes Correia, P. Cortez & D. Toll
15h10 16h00	Discussion
16h00 16h30	Coffee break
	Session Four Chair: André Paixão; Moderators: Ana Heitor & Antti Kalliainen
16h30 16h40	"*Understanding Critical Velocity Effects on High Speed Railways*" by A. Duley, W. Powrie, D. Thompson & L. Pen
16h40 16h50	"*Assessment of the short and long term behaviour of the track at a railway transition zone*" by C. Ribeiro & R. Calçada
16h50 17h00	"*Dynamic Nonlinear Finite Element Simulation of Light Falling Weight Deflectometer (LWD) Tests on Unsaturated Road Foundation Layers*" by Zhen Zhang & L. Chen
17h00 17h10	"*The use of Seismic Wave Velocities in the Evaluation of Stiffness, Damping and Anisotropy of Geomaterials in Routine Laboratory and Field Tests*" by C. Pereira, A. Gomes Correia, S. Nazarian & C. Ferreira
17h10 17h30	Discussion
17h30 18h00	**Closure Session** Roger Frank; António Gomes Correia; Joaquim Tinoco; André Paixão; Cristina Alves Ribeiro; Chairperson next YTGE meeting