

**Sunday 4 September**  
**Azurém (EEUM)**

**EEO.22**

09h00 09h05	<b>Opening Remarks by Serge Varaksin &amp; Miguel Azenha</b>
09h05 09h45	Keynote Lecture: <i>"Controlled Modulus Columns (CMC) Ground Improvement under the Future Embankment of the New Turcot Interchange"</i> by Jérôme Racinais, France
09h45 10h10	<i>"Basal Reinforced Piled Embankments: how to design, how to decide?"</i> by Arjan Venmans & Suzanne J.M. Van Eekelen, Netherlands
10h10 10h35	<i>"Behaviour of a Compacted Subgrade Soil and the Influence of Planar Reinforcement in Track Substructure"</i> by Ana Heitor, Buddhima Indraratna & Cholachat Rujikiatkamjorn, Australia
10h35 11h00	<i>"The Advantages of the Use of Advanced Quality Control Methods during PVD Installation and Heavy Rapid Impact Compaction in Transportation Geotechnics"</i> by Jeroen Dykstra, Netherlands
11h00 11h30	Coffee Break
11h30 11h55	<i>"Dynamics Rollers in Earthworks: Compaction and Continuous Compaction Control"</i> by Johannes Pistol & Dietmar Adam, Austria
11h55 12h20	<i>"Characterisation and Modelling of Non-isothermal Soil Behaviour and Implications to Ground Improvement"</i> by David Taborda <i>et al.</i> , England
12h20 12h45	<b>Discussion</b>
12h45 14h00	Lunch
14h05 14h45	Keynote Lecture: <i>"Performance of Test Embankment under Vacuum Consolidation"</i> by Márcio Almeida & Esther Marques, Brazil
14h45 15h10	<i>"Biocalcis, a novel grouting process for the reinforcement of low permeability soils"</i> by Anette Esnault <i>et al.</i> , France
15h10 15h35	<i>"Alkali Activated Binders in Soil Stabilisation Applications"</i> by Tiago Miranda, Nuno Cristelo & Sara Rios, Portugal
15h35 16h00	<i>"Ground Improvement Solutions for Harbours"</i> by António Cristóvão, Alexandre Pinto & Rui Tomásio, Portugal
16h00 16h30	Coffee Break
16h30 16h55	<i>"Rigid Inclusions a ground reinforcement solution rather than a ground improvement solution"</i> by Baldomiro Xavier, Portugal
16h55 17h20	<i>"Application of grouting technology: Case study of compensation and consolidation grouting in metropolitan tunnel"</i> by João Falcão, Portugal
17h20 17h50	<b>Discussion</b>
17h50 18h00	<b>Closure by Serge Varaksin &amp; António Alberto Correia</b>