D1 - Technical Discussions Sessions - Monday 2nd of September - 13:50 - 15:40

TC101 Laboratory Testing TC discussion session I			D1-1-Monday Mechanics of soils related to time, temperature and chemistry	TC101-I
Levenberg	Eyal	Denmark	12	Time-Dependent Resilient Response of Unbound Granular Materials
Winters	Katherine Elaine	USA	94	Compaction characteristics of calcareous sands for distilled water, saline and isopropyl alcohol pore fluids.
Sørensen	Kenny Kataoka	Denmark	143	Effects of pore water chemistry on the unloading-reloading behaviour of reconstituted clays
Peri	Elena	Denmark	147	Interpretation of consolidation and creep on chalk
Justo	Jon	Spain	285	Influence of temperature on the tensile strength of a limestone and a marble
Lechowicz	Zbigniew	Poland	338	Evaluation of creep behaviour of organic soils in Torsional Shear Hollow Cylinder tests
Sebastiani	Diego	Italy	1007	Chemical Interaction Between Fine Grained Soil and Foaming Agents in Mechanized Tunnelling with TBM-EPB
Levin	Friedrich	Germany	144	Experimental results and constitutive model for time-dependent behaviour of sands under oedometric compression
Spagnoli	Giovanni	Germany	166	The impact of mineralogy and chemical conditioning on the mechanical and adhesive properties of clays
MASROURI	Farimah	France	274	Thermo-mechanical behavior of soil-structure interface

TC103 Numerical methods TC discussion session I			D1-2-Monday Numerical methods	TC103 - I
Golchin	Ali	Netherlands	712	A thermodynamically based thermo-mechanical model for fine-grained soils
Kadlicek	Tomas	Czech Republic	820	Evaluation of automatic calibration software for advanced soil constitutive models
Chassagne	Claire	Nederland	847	Understanding the natural consolidation of slurries using colloid science
Ter-Martirosyan	Zaven	Russia	1040	The experience of determining the long-term settlements of increased liability buildings and structures
Žvanut	Pavel	Slovenia	319	Lessons learned from the monitoring of retaining structures, built in demanding geotechnical conditions in Slovenia
NAGULA	SPARSHA SINDURI	Germany	1021	Numerical simulation of vibroflotation based on CEL approach
Savatier	Vincent	France	826	Deisgn and optimization of rigid inclusions under an embankment on soft soil in highly seismic area
Koivisto	Kirsi	Finland	747	Effect of pore water pressure on the rutting of low-volume roads with varying pavement structures
Andresen	Lars	Norway	714	Slope failure in sensitive clay, a case study
Mandolini	Alessandro	United Kingdom	839	Theoretical and experimental investigation of the multiaxial soil response around monopile foundations

TC102 In-Situ Testing TC discussion session I			D1-3-Monday In-Situ Testing	TC102-I
Di Buo	Bruno	Finland	498	Compressibility of Finnish sensitive clay
Yang	Shaoli	Norway	48	Undrained shear strength of marine clays based on CPTU data and SHANSEP parameters
Mayne	Paul Wesley	USA	153	Analytical CPTu model for sensitive clay at Tiller-Flotten
Tschuchnigg	Franz	Austria	182	KIM – An Efficient Tool for Estimating the Relative Density in Calcareous Sands
Arroyo	Marcos	Spain	190	Enhanced cone penetration test interpretation with the Particle Finite Element Method (PFEM)
Lengkeek	Henri John	Nederland	248	Full-scaled load testing on long prefabricated concrete piles in Port of Rotterdam
Valsson	Sigurdur Mar	Norway	617	Detecting highly sensitive materials with CPTu in Norway
Pfaffhuber	Andreas Aspmo	Norway	398	Large scale & efficient geotechnical soil investigations - applying machine learning on airborne geophysical models
Ólafsdóttir	Elín Ásta	Iceland	772	Benchmarking of an open source MASW software using data from four GeoTest sites in Norway
Hansson	Pia Margaretha	Sweden	938	To perform geotechnical investigations in an (close to?) inaccessible terrain

TC211 Ground Improvement TC discussion session I			D1-4-Monday Ground Improvement	TC211 - I
Nagy	Peter	Austria	78	Quality control of deep vibro compaction based on the vibrator movement
Vink	Jan-Willem	Nederland	299	Heavy rapid impact compaction of carriageway for transportation of railway bridge in Muiderberg, the Netherlands
Lin	Hongjie	Hong Kong	186	Durability Assessment of Polymer-based Construction Materials and its application in Synthetic Water Repellent Coatings for Soils
Sagaseta	César	Spain	220	Critical length of stone columns
Koivulahti	Marjo Susanna	Finland	738	Deep soil mixing – Finnish guideline for stabilisation tests
Burtin	Pierre	France	377	Interactions between ground improvement and earthworks of a water treatment plant in Alpine valley.
Topolnicki	Michal	Poland	811	Design and performance of road embankment supported on rigid inclusions and a load transfer platform with steel geogrid
Kanty	Piotr Tadeusz	Poland	974	Design of high road embankments on improved ground
Haas	Sonja	Germany	868	Soil improvement with quicklime - quantification of the carbonation rate in an embankment after 34 years

TC305 Megacities - TC discussion session			D1-5-Monday Megacities	TC305
Zhussupbekov	Askar	Kazakhstan	1093	Geotechnical geoinformation data base for new capital Astana
Wolfgang	Sondermann	Germany	1094	Innovations to support developments of infrastructure for mega-cities
Boominathan	Adimoolam	India	1095	Numerical analysis on mitigation of liquefaction induced uplift of shallow tunnels
Mangushev	Rashid	Russia	1097	Foundations of unique buildings and structures of St. Petersburg in difficult soil conditions.
Marchetti	Diego	Italy	1096	State of art on DMT and SDMT technology for soil investigations
Tradigo	Fabio	Italy	725	Blue-green infrastructures and groundwater flow for future development of Milano (Italy)
Mirsayapov	Ilizar	Russia	957	Calculation model of bearing capacity plate-pile foundations under cyclic loading
Gerressen	Franz-Werner	Germany	131	Deep/extra deep diaphragm walls – Increasing demand for infrastructure in Megacities drives the requirement of increasing depth for diaphragm w
Korff	Mandy	Italy	370	Combined subsidence phenomena in high-rise built urban areas: numerical study for Frankfurt am Main
Le	Binh Thanh	Vietnam	506	Soil displacements due to tunnelling in soft soil in the metro line Ben Thanh – Suoi Tien in Ho Chi Minh city - Vietnam

TC304 Engineering Practice of Risk TC discussion session			D1-6-Monday Engineering Practice of Risk	TC304
Martinelli	Mario	Italy	449	Parameter determination for hypoplastic model using an inverse analysis algorithm
Bakker	Hendrik Lambertu	Netherlands	74	PMMS – Probabilistic Model for Macro Stability – with layer boundary uncertainties. General description and example
Haasnoot	Jacco	Netherlands	58	Macro-stability assessment of dikes using two different probabilistic models
Liu	Zhongqiang	Norway	524	Displacement prediction of step-like landslide based on time series analysis and long-short term memory neural network
Heeling	Anne	Germany	44	Subsoil disturbance due to explosive ordnance site investigation
Chung	Ming-Chien	Taiwan	397	Relationship between Rainfall Characteristics and Slope Stability: Case study of Taipingshan landslide in Taiwan
Woning	Mike	Netherlands	494	Climate-resilient roads in Paraguay; Mapping the risks and advising adaptive mitigation measures
Langford	Jenny	Norway	41	Risk assessment of construction vibrations for the New Viking museum in Oslo – management of need for mitigating efforts for geotechnical works

TC105 Geo-mechanics - TC discussion session				D1-7-Monday Geo-mechanics	TC105
Cinicioglu	Özer	Turkey	978	Multiscale analysis of active state failure behind a retaining wall	
Kirichek	Alex	Nederland	849	Revising the definition of fluid mud by defining new protocols for rheological measurements	
Ciantia	Matteo Oryem	United Kingdom	958	Breakage and critical state via DEM	
Kokošin	Jure	Norway	315	The designing of a Three-levels Excavation Pit in Soft and Sensitive Clays in Oslo, Norway.	
Kirstein	Joachim Maaløe	Denmark	430	Foundation Subgrade Reactions	
Viking	Kenneth	Sweden	317	Dynamic soil-structure transfer of vibro-driven sheet piles -simplyfied mechanism	
Ramon	Anna	Spain	666	Reducing water effects on the behaviour of coarse granular aggregates	
Alamanis	Nikolaos	Greece	10	Effect of spatial variability of soil properties on the stability and permanent seismic displacements of highway slopes	
Viking	Kenneth	Sweden	275	Major vibration source during vibratory sheet pile driving – shaft versus toe	
EL HAJJAR	Ahmad,	France	998	Desiccation and cracking behaviour of clayey soils: experimental characterization and mechanisms identification	

D2 - Technical Discussions Sessions - Monday 2nd of September - 16:10 - 18:00

TC101 Laboratory Testing TC discussion session III				D2-1-Monday Ground improvement and anthropic soils	TC101-II
Khoueiry	Nicole	France	75	Essai a échelle réelle au laboratoire sur des routes non revêtues reposant sur des sols de faible portance renforcées par géosynthétiques.	
Ferreira	Adelino	Portugal	156	SOIL REINFORCEMENT FOR UNPAVED ROADS	
Taylor	Oliver-Denzil S.	USA	223	Granular Strength and Gradation Effects on Self-Supported Unconfined Drained Sand Columns	
WANG	JIAN YE	United Kingdom	296	Effect of polypropylene fibre on shear strength characteristics of London Clay	
Raposo	Nuno	Portugal	614	Consolidation of copper mine tailings	
Maghool	Farshid	Australia	1001	Shear strength characteristics of steel slag aggregates as recycled road construction materials	
Wu	Wei	Austria	177	Centrifuge study of the location of stabilizing piles for unstable slopes	
Pittaro	Gerardo Agustin	Singapore	85	Tensile strength behavior of Ground Improvement and its importance on deep excavations using deep soil mixing	
Szendefy	Janos	Hungary	589	Geotechnical characterization of foamglass aggregate	

TC103 Numerical methods TC discussion session II				D2-2-Monday Numerical methods	TC103 - II
Martinelli	Mario	Italy	356	Simulation of a mini slump test using a visco-hypoplastic constitutive model in an MPM code	
Pulko	Boštjan	Slovenia	170	EFFECT OF STONE COLUMNS ENCASEMENT ON CONSOLIDATION OF SOFT SOIL	
Mario	Martinelli	Netherlands	758	Numerical simulation of offshore monopiles using the material point method	
Moormann	Christian	Germany	501	Investigation of hydraulic heave in excavations using the material point method	
Martinelli	Mario	Italy	346	Modelling rainfall-induced landslides with the material point method: the Fei Tsui Road case	
Zucca	Marco	Italy	15	2D equivalent linear analysis for the seismic vulnerability evaluation of multi-propped retaining structures	
Pelecanos	Loizos	United Kingdom	389	Nonlinear seismic response of earth dams due to dam-reservoir interaction	
Korzec	Aleksandra Paulin	Poland	828	Procedure of design accelerogram deconvolution in 2D FEM analysis	
Derbin	Yury	China	174	Numerical simulation of surface subsidence after UCG including groundwater effect	
Yilmaz	Seyit Alp	Turkey	19	Numerical investigations on the behaviour of offshore suction bucket foundations under cyclic axial loading	

TC102 In-Situ Testing TC discussion session II				D2-3-Monday In-Situ Testing	TC102-II
Tonni	Laura	Italy	455	Developing a regional-scale geotechnical model of the North-Western Adriatic coastal area (Italy) for urban planning and robust geotechnical desig	
LOPES	Alexandre	France	638	Laboratory validation of an innovative mono-cell pressuremeter probe: test procedures and first results	
Marchetti	Diego	Italy	657	In situ tests by Medusa DMT	
GRESS	Jean-Claude	France	804	Preconsolidation pressure, CPT'u tip resistance and MENARD net	
Dey	Ashim Kanti	India	1016	Prediction of Degree of Groundwater Contamination from an Artificial Modelled Landfill using Electrical Resistivity Tomography	
Smesnik	Mathias	Austria	975	Determination of rockfill shear parameters for dam stability analysis of an embankment dam	
Tsang	Philip	Australia	925	Application of Fibre Bragg Grating in monitoring soilpile interaction for battered mini driven pile groups	
Konon	Anastasia	Russia	558	Test results of railway ballast for bearing capacity calculations	
Gilder	Charlotte Elizabet	United Kingdom	110	Ground Investigations in Developing Countries: A study to inform Earthquake Hazard Assessment in the Kathmandu Valley	
Reiffsteck	Philippe	France	434	Application of cyclic pressuremeter tests to evaluate soil liquefaction	

TC211 Ground Improvement TC discussion session II				D2-4-Monday Ground Improvement	TC211 - II
Markou	Ioannis N.	Greece	197	Efficiency of soil groutability criteria for cement suspension grouting	
Batali	Giullia Loretta	Romania	349	Assessment of physico – mechanical and durability characteristics of difficult soils improved by mixing with special lime-based hydraulic binders	
Tsitsas	George	Romania	292	Use of Compaction Grouting as Ground Improvement Technique in Compressible Solid Waste Landfill	
Pandrea	Paul	Germany	368	The revised execution standard EN 12716 for jet grouting – amendments and changes explained	
Boley	Conrad	Germany	634	Fundamental Research on penetration grouting with acrylates in porous media	
Denies	Nicolas	Belgium	145	In-situ test campaign on innovative resin grouted micropiles	
Juvik	Eivind Schnell	Norway	199	Results from ground improvement with lime-cement columns in quick and sensitive clay on the E6 Trondheim-Melhus	
Bezuijen	Adam	Belgium	841	Evaluation of Mechanical Properties of Cement Treated Soils with Different Plasticity	
Boyer	Matthew Vincent	Australia	70	Historical methods of preparing reclaimed sand subgrade beneath Australian airfield pavements	
Sondermann	Wolfgang	Germany	710	OPPORTUNITY MANAGEMENT AS A CHANCE - GROUND IMPROVEMENT SOLUTIONS FOR HEAVILY LOADED STRUCTURES	

TC204 Underground Construction TC discussion session				D2-5-Monday Underground Construction	TC204
Su	Jiang	United Kingdom	420	Load-sharing effect for sprayed concrete lined tunnels in various ground conditions	
Mangushev	Rashid	Russia	194	Technological settlements forecast for existing buildings during underground construction	
EL ARJA	Hiba	France	250	Prise en compte du mécanisme des déformations plastiques dans les calculs des excavations	
NEJJAR	Khadija	France	415	Performance and modelling of a deep excavation in the context of the Grand Paris project	
DUZCEER	RASIN	Turkey	591	SINGLE BORE MULTIPLE ANCHORED DIAPHRAGM WALLS IN DEEP SOFT ALLUVIAL SOILS	
Schneider	Nikolaus	Germany	810	New Aspects for Quality Control of Jet Grouting	
Meissner	Simon Robin	Germany	441	An innovative dewatering system to reduce the environmental impact	
Preene	Martin	United Kingdom	114	Assessment of permeability for design of groundwater control systems	

TC106 Unsaturated Soils - TC discussion session				D2-6-Monday Unsaturated Soils	TC106
Sun	Haiquan	Czech Republic	757	Investigation of the influence of temperature on water retention properties of Czech Bentonite B75	
Toll	David Geoffrey	United Kingdom	752	The effect of compaction conditions on the soil water retention behaviour of a compacted glacial till	
Gaspar	Tiago Alexandre	South Africa	421	An expansive clay for centrifuge modelling	
Azizi	Arash	United Kingdom	728	Preparation of high capacity tensiometers for field application	
Ledesma	Alberto	Spain	763	Soil surface boundary condition in desiccating soils	
Pap	Miklós	Hungary	844	Estimation of permeability function for concrete	
Loukidis	Dimitrios	Cyprus	461	Numerical simulation of swelling soil – mat foundation interaction in arid climates	
Ghiadistri	Giulia	United Kingdom	507	Modelling the behaviour of swelling clays in Geological Disposal Facility (GDF)	
Matsuda	Hiroshi	Japan	1017	Effects of drainage by the sheet pipe on the suction and volume water content of subsurface layer	

TC218 Reinforced Fill Structures TC discussion session				D2-7-Monday Reinforced Fill Structures	TC218
LUGLI	GIULIA	Italy	266	MSE retaining structure with cement-stabilized backfill and tilted facing panels: design considerations and installation procedure	
Cardile	Giuseppe	Italy	445	Reliability analysis of root-reinforced slopes	
Cazzuffi	Daniele	Italy	133	A Geosynthetic Reinforced Steep Slope 60.0 m high for the stabilisation of the Valpola Landslide in Northern Italy	
Church	Lee	United Kingdom	155	Protection of Reinforced Soil Structures using Geosynthetic Cementitious Composite Mats	
Detert	Oliver	Germany	792	Geosynthetic-reinforced earth walls and slopes in extreme challenging applications	
Moretti	Sabrina	Italy	646	Geosynthetics-reinforced barriers impacted by flow-like landslides	
Al Heib	Marwan	France	719	Etude expérimentale du renforcement d'une cavité par géosynthétique en présence d'un remblai cohésif	
Edinçliler	Ayse	Turkey	1085	SEISMIC RESPONSE OF GEOSYNTHETIC REINFORCED EARTH DAMS	

D3 - Technical Discussions Sessions - Tuesday 3rd of September - 13:50 - 15:40

TC101 Laboratory Testing TC discussion session III				D3-1-Tuesday Laboratory Testing	TC101-III
Moormann	Christian	Germany	334	Classification of the weathering-dependent decay behaviour of weak rocks	
Günther	Helen	Germany	55	Resistance of fine-grained soil against hydraulic failure	
Nagaraj	H.B	India	472	A Review of factors affecting undrained strength of fine-grained soils	
Gluchowski	Andrzej	Poland	330	Pore pressure behavior of compacted clay under long-term cyclic loads in undrained conditions	
Ma	Weijia	China	1024	Experimental study on liquefaction characteristics of saturated coral sand in Nansha Islands under cyclic loading	
Wride	Natalie Margaret	United Kingdom	320	Partially drained response of cohesive soil subjected to cyclic loading	
Smith	Alister	United Kingdom	700	Acoustic emission monitoring in geotechnical element tests	
Atalar	Cavit	Turkey	425	Prediction of modified Proctor compaction characteristics using Atterberg limit tests for laterite soils	
CAZACLIU	Bogdan	France	279	Destructuring / restructuring model for quasi-static behavior of granular soils	
Ferlisi	Settimio	Italy	450	Numerical analysis of the behaviour of masonry buildings undergoing differential settlements.	

ERTC7 - European technical committee, Numerical methods, session I				D3-2-Tuesday Numerical Methods	ERTC7 - I
Osman	Ashraf	United Kingdom	408	Numerical analysis of cavity propagation in deep trapdoor experiments	
Sivasithamparam	Nallathamby	Norway	759	Back-calculation of Ballina test embankment using a logarithmic contractancy based soft soil creep (SSC) model	
Leppla	Steffen	Germany	426	Numerical simulation of viscoplasticmaterial behaviour	
Gajo	Alessandro	Italy	431	A viscoelastic-viscoplastic, double yield surface constitutive model for fine-grained and organic soils	
Smith	Colin Campbell	United Kingdom	480	Recent advances in the application of discontinuity layout optimization to geotechnical analysis and design problems	
Li	Hang	United Kingdom	481	Discrete particle modelling of granular soils using a physics engine	
Canon Falla	Gustavo	Germany	806	Modelling of granular pavements considering the effect of non-uniform tire pressure loads.	
Tejada	Ignacio G.	Spain	1081	Stochastic modeling of stress fields in geotechnical problems with discrete media	
Seip	Matthias	Germany	427	Analysis of soil-structure interaction of large tailings heaps	
Cerfontaine	Benjamin	United Kingdom	696	Insight on the modelling of screw anchors for offshore foundations	

TC202 Transportation - TC discussion session I				D3-3-Tuesday Transportation Geotechnics	TC202 - I
Zabielska-Adamska	Katarzyna	Poland	465	Microstructure and compaction behaviour of fly ash	
Rollins	Kyle Morris	USA	112	Passive Force-Deflection Curves for Transition Zone Backfills for California High Speed Rail at Bridge Abutments	
Lees	Andrew	Cyprus	409	A new approach to characterise the benefit of multi-axial geogrid on soil	
Williams	James, D	Canada	713	Timber Compaction Piles as part of Seismic Retrofit for a 110-year Old Railway Bridge Pier	
Koch	Edina	Hungary	137	Finite element analysis of bridge transition zone for investigating the effect of moving loads	
Petriaev	Andrei	Russia	660	Behavior of geogrid reinforced ballast in a triaxial shear strength tests	
Gardete	Dinis Correia	Portugal	894	Soil Stabilization with Waste Plastic and Waste Tyre Fibres	
Huber	Stefan	Germany	173	Density measurement of recycled materials with the nuclear gauge and rubber balloon method in earthworks	
Willoner	Alan	United Kingdom	1025	Scour, Settlement & Stabilisation of Linton Bridge	

TC215 Environmental Geotechnics TC discussion session				D3-4-Tuesday Environmental Geotechnics	TC215
Brandl	Heinz	Austria	65	Stability and barrier systems of municipal waste deposits	
Jefferis	Stephan A.	United Kingdom	93	Engineering and environmental issues with the use of recycled crushed concrete as structural fill	
Correia	Antonio Alberto	Portugal	185	Immobilization of heavy metals in contaminated soils with carbon nanotubes	
Cao	Ben-Yi	United Kingdom	222	Microencapsulated sodium silicate for self-healing cement-based in-ground barriers	
Hendarto	H.	United Kingdom	511	Influence of groundwater extraction on land subsidence in Jakarta	
Özdamar Kul	Tugçe	Turkey	905	Influence of mass per unit area on the hydration of GCLs over silty sand	
Prambauer	Martina	Austria	976	Biodegradable Geotextiles – The use of biopolymer blends in short-lived soil protections	
Koda	Eugeniusz	Poland	312	Landfill containment system as an effective method of preventing heavy metal pollution	
Figueiredo	António José	Portugal	583	Shallow geothermal systems for Aveiro University departments: a survey through the energy efficiency and thermal comfort	
Muguda	Sravan	United Kingdom	164	Geotechnical characterisation of recycled biopolymer-stabilised earthen material	

TC209 Offshore Geotechnics TC discussion session				D3-5-Tuesday Offshore Geotechnics	TC209
Trads	Niels	Denmark	706	Cyclic DSS response of Danish Neogene clays	
Liu	Tingfa	United Kingdom	268	A unified database of ring-shear interface tests on sandy-silty soils	
Buckley	Roisin	United Kingdom	161	The design of axially loaded driven piles in low-medium density chalk	
Diambra	Andrea	United Kingdom	840	A simplified memory surface hardening constitutive model to predict long-term cyclic loading response of granular soils	
Valore	Calogero	Italy	489	A case-History of remedial measures against sand beach erosion preserving its aptitude for bathing	
Pisano	Federico	Italy	88	A CFD approach for the flotation analysis of pipelines in liquefied sand	
Bertossa	Agustin Dario	United Kingdom	704	An integrated assessment of the ground conditions for foundations design at St-Brieuc Offshore Windfarm	
Lesny	Kerstin	Germany	918	Suitability of helical anchors for mooring a floating wave energy conver	
Manceau	Sebastien	United Kingdom	755	Mitigating pile driving refusal risk for a North Sea offshore wind farm through design and installation planning	
De Leeuw	Lawrence Willem	United Kingdom	917	Monotonic and cyclic direct shear and interface shear testing of granular materials using polypropylene counterfaces at low stresses	

TC301 Preservation of Historic Sites TC discussion session				D3-6-Tuesday Preservation of Historic Sites	TC301
Carvalho	Cláudia	Portugal	438	AR53 - Ground improvement and earth retaining solutions in Lisbon's downtown	
Pinto	Alexandre	Portugal	527	Landslide risk mitigation of "São Pedro de Alcântara Viewpoint Slope" in Lisbon Historical Center	
Gottardi	Guido	Italy	269	From geological and historical data to the geotechnical model of the Two Towers in Bologna (Italy)	
Cambiaggi	Ludovica	Italy	180	Investigation on the damages induced by slope movements on historic buildings: the case of San Nicolò di Capodimonte church in Liguria.	
Lippert	Anja	Germany	387	Underpinning of a historical foundry hall by selfboring micropiles in a unique subsoil in Ingolstadt, Germany	
Vernhes	Jean-David	France	428	Le Grand Canal à Versailles : enquête géotechnique	
Vallejo	Luis Eduardo	USA	54	Analyses of the design and stability of the fractal retaining walls built by the Incas of Peru	
Spizzichino	Daniele	Italy	303	Geotechnical problems in the foundation of Maya Devi Temple World Heritage sites in Lumbini: the Birthplace of the Lord Buddha	

TC307 Sustainability - TC discussion session				D3-7-Tuesday Sustainability	TC307
Katzenbach	Rolf	Germany	272	Spinnanker – Technical development of an innovative foundation and anchor system	
Dettenborn	Taavi	Finland	867	Utilization of Crushed Concrete Aggregate in Light Rail Construction	
Frauenfelder	Regula	Norway	322	Settlement monitoring using space-borne radar interferometry, in the context of large infrastructure projects	
Lieske	Wolfgang	Germany	475	A multiscale study on polymer-modified bentonite with respect to boundary conditions relevant in geoenvironmetal engineering	
Vieira	Castorina Silva	Portugal	836	Degradation assessment of recycled aggregates from Construction and Demolition Waste through Wet-Dry cycles	
SHTIZA	Aurela	Belgium	898	Geotechnical know-how that supports decision making towards sustainable infrastructure	
Cuccurullo	Alessia	France	987	Advances in bio-stabilization of compacted earth material using Enzymatic Calcium Carbonate Precipitation	
Instanes	Arne	Norway	676	Climate change and geotechnical design in permafrost and frozen ground	
Søren Erbs	Poulsen	Denmark	238	Precast pile heat exchangers in Denmark: case studies and on-going projects	
Delerablée	Y.	France	142	Energy efficiency of energy geostructures – a reduced scale model	

D4 - Technical Discussions Sessions - Tuesday 3rd of September - 16:10 - 18:00

TC101 Laboratory Testing TC discussion session IV				D4-1-Tuesday Laboratory Testing	TC101-IV
Atalar	Cavit	Turkey	422	Comparison of Multiple Regression and Artificial Neural Networks in Estimating Compaction Characteristics of Lateritic Soils, Ghana	
De Koning	Michel	Netherlands	73	Determination of SHANSEP parameters by laboratory tests and CPTu for probabilistic model-based safety analyses	
Hashemi	Mir Amid	United Kingdom	183	Variation in interface frictional behaviour during cyclic loading	
Tavallali	Abbass	Belgium	462	Estimation of uniaxial compressive strength by Brazilian tensile strength in offshore industry	
Joana	Fonseca	France	157	A laboratory-based technique for grain shape characterisation	
Yifru	Ashenafi Lulseged	Norway	584	Laboratory investigation of the impact force of debris-flow on a rectangular pillar	
Bacic	Bozana	Germany	101	Evaluation of liquefaction potential for coarse-grained soils	
Araújo Santos	Luis	Portugal	429	Characterization of liquefiable sands using the Hollow Cylinder Apparatus	
Krawczyk	Dorota Anna	Poland	171	Determination of liquidity index of glacial tills based on the fall cone single point methods	
Machowiak	Katarzyna Maria	Poland	172	Characterisation of mineral composition and strength parameters of varved clays	

ERTC7 - European technical committee, Numerical methods, sesion II				D4-2-Tuesday Numerical methods	ERTC7 - II
Schweiger	Helmut F.	Austria	753	Numerical simulation of in-situ pullout tests of ground anchors	
Nuttall	Jonathan David	Netherlands	572	Site Spatial Correlation Estimation from CPT Data using Neural Networks and Random Fields	
Hosseini sadrabadi	Hamid	France	260	Etude de l'interprétation d'un essai pénétromètrique (CPT) cyclique dans des conditions saturées: approches numériques et expérimentales.	
Barzegari	Saman	USA	733	Simulation of quasi-static collapse of cylindrical granular columns, insight from continuum and discrete frameworks	
Cola	Simonetta	Italy	717	On distributed strains in a CFA pile via DFOSs measurements and numerical analysis	
Tornborg	Johannes	Sweden	721	Benchmarking of a contemporary soil model for simulation of deep excavations in soft clay	
VIANA	LAIS ANDRADE	Portugal	909	The application of limit analysis to the study of the basal failure of deep excavations in clay considering the spatial distribution of soil strength	
Marketos	George	United Kingdom	390	Soil-structure interaction in field pull-out tests of soil anchors and additional resistance from the reaction plate	
Radu	Cristian	Romania	735	Design of a shipyard extension and reconversion in the Danube waterway - Tulcea, Romania	

TC202 Transportation - TC discussion session II				D4-3-Tuesday Transportation Geotechnics	TC202-II
Yang	Qijing	Australia	1065	Pile and piled raft bridge foundation design and construction subject to mine subsidence effects	
Fortunato	Eduardo	Portugal	385	Soil-binder columns for the rehabilitation of railway track platforms	
Dehlbom	Björn Anders	Sweden	149	Soil property changes below existing embankments	
Vuorimies	Nuutti	Finland	907	Open structural monitoring data from two extensively instrumented road sections – case Aurora	
Winter	Mike G	United Kingdom	805	The use and application of two contrasting non-traditional embankment and pavement foundation materials	
SATO	Kenichi	Japan	648	Long term durability and environmental safty of various kinds of coal ash mixed material	
Look	Burt Gerard	Australia	414	Elements of roadway specifications for residual soils	
Malancu	Teodor	Romania	678	Research on the Ground improvement on alluvial areas of Romanian rivers used for the construction of highways	
Möller	Paula	Germany	152	Weak rocks of varying strength as earthworks materials	

TC212 Deep Foundations - TC discussion session			D4-4-Tuesday Deep Foundations	TC212
Verst	Rowena	Germany	424	Stability analysis of polymer-fluid-supported earth walls and influence of characteristics of soil matrix and type of polymer in solution
Jeong	Sangseom	South-Korea	702	Proposed Shear Load-transfer curve of Prebored and Precast Steel Pile
Putteman	Jan	Belgium	247	MV tension pile loading tests in the Port of Rotterdam: practical aspects and geotechnical behaviour
Knudsen	Jannie	Denmark	732	Design of bored piles in Denmark – a historical perspective
Dumitrescu	Victor	Romania	715	Quay Operational Capacity Extension in Cernavoda Port Area by Consolidating the Old Structure
Sokolic	Igor	Croatia	698	Deep foundation at Designer Outlet Croatia project by using FDP and CFA piles
Lovera	Anaïs	France	1005	Effects of a multi-directional loading sequence on offshore wind turbine natural frequencies
Shah	Manish	India	1041	Strength and settlement characteristics of low plastic soils treated with cement deep mixing technique
Mehdizadeh	Amirhassan	Australia	928	Cyclic performance of a new concrete-free driven minipile footing system in a non-cohesive material
Bourgeois	Emmanuel	France	495	Design of deep supported excavations: comparison between real behavior and predictions based on the subgrade coefficient method

TC210 Dams & Embankments TC discussion session			D4-5-Tuesday Dams & Embankments	TC210
Sica	Stefania	Italy	1102	Effects on earth dams of drawdown scenarios imposed after a strong earthquake
Ólafsdóttir	Elín Ásta	Iceland	788	Geophysical investigation of earth dams using the MASW technique
Manso	João	Portugal	528	Settlement analysis of the Montesinho concrete-face rockfill dam
Pelecanos	Loizos	United Kingdom	739	Statistical analysis of long-term earth dam settlements
Pálmason	Pálmi Ragnar	Iceland	923	An overview of fuse plug design embedded in earthfill dams in Iceland
Vanicek	Martin	Czech Republic	121	Efficiency of erosion prevention geosynthetics for non-vegetated slopes during extreme artificial rainfalls testing
Tourment	Rémy	France	351	Levee safety assessments using an index-based method
Pelecanos	Loizos	United Kingdom	740	Finite element analysis of earth dam settlements due to seasonal reservoir level changes
Lo Presti	Diego Carlo	Italy	1101	Numerical simulation of seismic response of earth dams
MASROURI	Farimah	France	309	Mechanical behavior of coarse-grained soils with matrix

TC203 Earthquake - TC discussion session			D4-6 - Tuesday Earthquake	TC203
Lemnitzer	Anne	USA	691	Soil Structure Interaction of Levees on Peat - The Influence of long-term Settlements following Seismic Events
Erken	Ayfer	Turkey	935	The development of attenuation relationship for Northwest Anatolia, Turkey
Semblat	Jean-François	France	318	Surface waves and basin effects in a highly heterogeneous alluvial valley in Rome, Italy
Green	Russell A.	USA	470	Quality Assurance Criteria for Cyclic Direct Simple Shear Tests for Evaluating Liquefaction Triggering Characteristics of Cohesionless Soils
Kennedy	Thomas J.	UK	471	Development of Site Response Coefficients for Engineered Fill Sites in Iceland
Gobbi	Stefania	France	644	Influence of geometrical and mechanical properties of soils on numerically computed response spectra for 1D stratigraphies
Hofmann	Helene	Switzerland	677	Slope stabilization in earthquake prone environment
Rios	Sara	Portugal	384	Comparison between energy and stress based pore pressure models in liquefiable deposits
Ólafsdóttir	Elín Ásta	Iceland	771	Open source MASW software and results from Icelandic soil sites
Sørlie	Erik Ravik	Norway	417	A modified modal earthquake analysis of caisson foundations (sub-sea structures, wind turbines or bridge foundations)

TC308 Energy Geotechnics TC discussion session			D4-7-Tuesday Energy Geotechnics	TC308
Aljundi	Kamar	Portugal	541	Some aspects of measurement of sand thermal conductivity from laboratory tests
Sailer	Eleonora	United Kingdom	592	Long-term thermal performance of a thermo-active retaining wall
David	Frost	USA	950	A comparison between thermal conductivity of undisturbed and remolded soil samples
Al-Madhlom	Qais Hatem	Sweden	983	Literature Review and perspective Use of UTESS in Arid Region, study area Karbala Province Iraq
Hailemariam	Henok	Germany	1079	Effect of stress on the thermal conductivity of porous media
Kristinof	Ross Edward	Australia	139	Use of Neural Networks to Predict Pile Driving Performance
Mevoli	Federica Angela	United Kingdom	380	Thermo-mechanical load-transfer analysis of heating-cooling cycles in energy piles
Liu	Ryan Yin Wai	United Kingdom	412	Computational study on the effects of boundary conditions on the modelled thermally induced axial stresses in energy piles
Moormann	Christian	Germany	198	Angle of incidence on geothermal tunnel plants – a calculation concept
Bui	Tuan Anh	Nederland	499	Advanced Thermal and Thermo-Hydro-Mechanical modelling features for practical applications on energy geotechnics

D5 - Technical Discussions Sessions - Wednesday 4th of September - 13:50 - 15:40

ERTC3 - European technical committee on Piles / TC102 / TC103			D5-1-Wednesday Piles - In-Situ Testing & Numerical Methods	ERTC3-I
De Meersman	Rob	Denmark	313	Validation of drilled shafts for a new bridge in Denmark, by means of a holistic approach, CSL testing and pile coring
Gächter Autor	Dominik	Austria	364	Foundation of a high bay racking subject to extreme settlement requirements in Reykjavik
Bosco	Giovanni	Italy	517	Small diameter jacked piles to stop long lasting differential settlements on fine peaty soils
Seweryn	Bodus	Poland	850	A comprehensive analysis of foundation of the highest building in Europe based on numerical modeling and an in-situ barrette load test
Macuh	Borut	Slovenia	916	The estimation of vertical and horizontal pile bearing capacity
Marchwicki	Michal	Poland	888	Proces of analysis and design of deep foundations of fully automated warehouse in difficult soil conditions.
Bokov	Igor A	Russia	559	Calculation of the settlement of pile foundations containing piles of various lengths and diameters by the interaction factors method.
Gowda	Sujith	Germany	200	Parameter study for an effective pile installation method in saturated soil using Material Point Method (MPM)
Velkavrh	Blaž	Slovenia	89	DESIGN OF RO-RO BERTH BREASTING DOLPHIN PILE FOUNDATION IN THE PORT OF KOPER

ERTC10 - Session on EC7 Tomorrow's geotechnical toolbox			D5-2-Wednesday EC7 - Tomorrow's geotechnical toolbox	ERTC10 - EC7
Bond	Andrew	United Kingdom	943	Tomorrow's geotechnical toolbox: EN 1990 Basis of structural and geotechnical design
Franzen	Gunilla	Sweden	944	Tomorrow's geotechnical toolbox: EN 1997-1:202x General rules for geotechnical design
Norbury	David	United Kingdom	946	Tomorrow's geotechnical toolbox: EN 1997-2:202x Ground investigation
Bond	Andrew	United Kingdom	947	Tomorrow's geotechnical toolbox: EN 1997-3:202x Design of geotechnical structures.
Estaire	Jose	Spain	948	Tomorrow's geotechnical toolbox: Design of geotechnical structures according to EN 1997:202x
Buggy	Fintan John	Ireland	818	Registration of Ground Engineering Professionals – A European Perspective
Lees	Andrew	Cyprus	1105	Tomorrow's geotechnical toolbox: EN 1997-1:202x Numerical methods
Avellan	Kari Christer	Finland	939	The impact of partial factors on designing of foundations for precasted concrete structures
Tóth	Viktor	Slovakia	985	Common mistakes during enter input data for design geotechnical structures
Kazimierowicz	Krystyna	Poland	373	Evaluation of prediction methods for vertical deformation of GRS walls

TC104 Physical Modelling - TC discussion session I				D5-3-Wednesday ERTC10 - EC7	TC104 - I
Damians	Ivan Puig	Spain	692	Modelling gas flow experiments in MX80 Bentonite	
Xu	Jingming	United Kingdom	134	The response of framed buildings on raft foundations to tunnelling: a centrifuge and numerical modelling study	
Niemann	Christoph	Germany	189	Pile groups subjected to lateral cyclic loading – A comparison of 1g- and centrifuge model tests	
Blanc	Matthieu	France	256	Modélisation en centrifuge de l'impact de la méthode l'installation d'un pieu sur sa réponse en latérale	
De Sauvage	Jean	France	323	Etude d'un ouvrage en sol cloué en centrifugeuse	
Charles	Jared Andrew	United Kingdom	343	Automated reconstruction of soil stress-strain response from full field displacement measurements and loading data using optimisation.	
Feremans	Gerrit	Belgium	374	Full scale load test on historic quay wall in Antwerp	
Lukiantchuki	Juliana	Brazil	609	Centrifuge modelling of the behaviour of Iron Concentrate ore subjected to rolling movement.	
THOREL	Luc	France	652	Centrifuge modelling of the behaviour of Iron Concentrate ore subjected to rolling movement.	
Azua-Gonzalez	Carlos Xavier	United Kingdom	821	Dynamic FE analysis of Soft Boundary Effects (SBE) on impact pile driving response in centrifuge tests	

TC208 Slope Stability - TC discussion session I				D5-4 Wednesday Slope Stability	TC208 - I
Arnold	André	Switzerland	554	Evaluating the reliability of back analysed shear strengths in slopes	
Jennings	Paul	Ireland	886	Assessment of slope failure and engineering behaviour of raised marine deposits of the River Clyde, Scotland	
Di Maio	Caterina	Italy	546	Evaluation of hydraulic conductivity in the slip zone of an earthflow in clay shales	
Bednarczyk	Zbigniew	Poland	87	On-line landslide monitoring in lignite opencast mine	
Lee	Ching-Fang	Taiwan	116	National-wide deep-seated landslide mapping and susceptibility update via airborne laser scanning raster data visualization in Taiwan	
Perdikou	Skevi	Cyprus	488	Landslide risk evaluation in Cyprus using satellite radar interferometry	
S. Tehrani	Faraz	Netherlands	521	A framework for predicting rainfall-induced landslides using machine learning methods	
Fartaria	Catarina	Portugal	523	Urgent stabibization, reconstruction and reinforcement solutions of high retaning wallsin Lisbon	
Sanvitale	Nicoletta	United Kingdom	599	Experimental investigation of granular flow erosion via photoelastic method	
Nettleton	Ian M	United Kingdom	863	Development and implementation of a landslide susceptibility zoning system for the UK rail network	

TC207 Soil-Structure - TC discussion session				D5-5-Wednesday Soil-Structure	TC207
Tomásio	Rui	Portugal	230	Retaining wall soulutions for underground extension of hospital Da Luz in Lisbon	
Viking	Kenneth	Sweden	328	Knowledge transfer and analysis of temporary structures –installation problems with accompanying complement of reinforcement and jet-grouting	
Jansson	Fredrik	Sweden	375	Buckling of end-bearing retaining walls in clay	
Azeiteiro	Ricardo	Sweden	513	The combined use of geostructures and ground improvement to the rehabilitation of existing quay walls	
Pereira	Gustavo	France	703	Overview of the dual foundation system of the Dubai Creek Tower	
Akçakal	Önder	Turkey	854	Aspects of design and monitoring of deep excavations - case study	
Kummerer	Clemens	Germany	890	Recent developments with the use of the BIM method in Europe	
Lodör	Kristóf	Hungary	699	3D modelling of ground improved raft foundation	
Lande	Einar John	Norway	245	Long-term monitoring of permanent post-tensioned rock anchors	
Fartaria	Catarina	Portugal	520	Numerical analysis of an unsymmetrical railcar unloading pit and connection trench	

TC306 Geo-engineering Education & Developments - TC discussion session				D5-6-Wednesday Theme Session on Geo-Engineering Education What educational materials can we dream of?	TC306
Jenck	Orianne	France	103	Apprentissage par projet du dimensionnement des murs de soutènement en béton armé pour des élèves-ingénieurs en Géotechnique et Génie Civil	
Kunberger	Tanya	USA	148	Concept Maps as a Culminating Experience in a Design Course	
Black	Jonathan	United Kingdom	778	Learning through physical modelling observations in the Undergraduate Curriculum	
Griffiths	Mark	United Kingdom	360	Geosynthetic cementitious composite mats - essential characteristics and properties	
Svensson	Mats	Sweden	119	Full underground BIM via development of CoClass for geotechnical data, models and objects	
Fisher	Anthony Nathan	United Kingdom	339	20 years of automated load testing; key learning points, principals and the role of new technology.	
Farook	Zeena	United Kingdom	971	Automation in Geotechnical Design – Application and Case Studies	

TC discussion TC101 & 102				D5-7-Wednesday In-Situ and Laboratory Testing	TCdiscussion
Ene	Alexandra	Romania	1067	Comparisons between design estimations and measurements on several design sections of a deep excavation in Bucharest	
Lengkeek	Arny	Nederland	454	Eemdijk full-scale field test programme: ground dyke and sheet pile dyke failure test	
Ward	Darren	United Kingdom	348	CPT Investigation of Mining Induced Fissures and Implications in Respect to Built Development	
Alekhin	Alexey Nikolaevich	Russia	82	Features of application of non-liner soil model in geotechnical design	
Echavarría Vargas	Jonathan	Costa Rica	111	Estimation of the bearing capacity of the Lahar in San Jose city, Costa Rica, using PMT testing, for the foundation of buildings over 50 m in height.	
Stuhec	Damir	Croatia	876	The analysis of some cohesive soils engineering characteristics in Croatia	
Bán	Zoltán	Hungary	769	Development of an energy-based liquefaction potential assessment method based on combined use of CPT and shear wave velocity measurement	
Taccari	Maria Luisa	Netherlands	201	Large scale triaxial compression tests on three peat samples from Eemdijk, the Netherlands	
Tavallali	Abbass	Belgium	99	Sand-filled geosystems in river and coastal engineering based on case study applications	
Wallace	Mandy	United Kingdom	249	An innovative framework for selecting sustainable options to reduce the risk of soil erosion and environmnetal pollution incidents on road construc	

D6 - Technical Discussions Sessions - Wednesday 4th of September - 16:10 - 18:00

ERTC3-Piles / TC212 Deep Foundations TC discussion session				D6-1-Wednesday Piles & Deep Foundations	ERTC3-II
Buggy	Fintan John	Ireland	76	High capacity O-cell pile load testing in Coal Measures Mudstone, Northern Spire Bridge, Sunderland U.K.	
Panchal	Jignasha P	United Kingdom	36	Centrifuge modelling to determine the influence of pile stiffness on pile capacity	
Jendeby	Leif	Sweden	34	Shear resistance during and after installation of driven piles in soft clay	
Basile	Francesco	Italy	126	The role of cap flexibility in pile group design	
Doghman	Mirna	France	204	Comparison of different approaches of pile design in chalk adopted in France and UK	
Crispin	Jamie J	United Kingdom	388	Prediction of pile settlement using simplified models	
Ruiz-Teran	Pablo	Spain	406	A new type of pile: the shaft grouted driven concrete pile (SGDCP).	
Kesik	Przemyslaw	Poland	407	Settlement of large pile groups on the example of bridge foundations supported on driven precast piles	
Ponomarev	Andrey	Russia	69	Effect of clay compaction around driven pile and prediction of pile settlement	
Thilakasiri	Saman	Sri Lanka	992	Allowable carrying capacity estimation of piles using transient dynamic response method of low strain pile integrity testing	

TC201 Dykes and Levees - TC discussion session			D6-2-Wednesday Dykes and Levees	TC201
Van	Meindert	Nederland	207	Overviewing geotechnical issues associated with levees and dams in Europe and USA
Vincke	Leen	Belgium	261	Data management of dikes and levees in Flanders
Bezuijen	Adam	Belgium	154	Head loss in vertical pipes of sand boils
Cola	Simonetta	Italy	632	The application of the Boolean Stochastic Generation Method to model seepage under levees in heterogenous soils
Breedeveld	Joost	Nederland	399	The impact of the Eemdijk full-scale field test programme
LÓPEZ-ACOSTA	Norma-Patricia	Mexico	622	Obtaining fragility curves on levees subjected to flooding
De Vos	Leen	Belgium	316	Application of soilmix (CSM) in stiff clay for dike stabilization
Förster	Ulrich	Netherlands	545	A coarse sand barrier as an alternative preventive measure against backward erosion piping
Lengkeek	Henri John	Nederland	456	Eemdijk full-scale field test program: sheet pile pull-over tests
Ruggeri	Paolo	Italy	825	Failure of a massive geosynthetic-reinforced clay dyke for a waste disposal plant: investigation of the causes

TC104 Physical Modelling - TC discussion session II			D6-3-Wednesday Physical Modelling	TC104 - II
Dettenborn	Taavi	Finland	737	Utilization of light weight aggregate in municipal engineering – experimental excavation study of full scale test structures
Sheshov	Vlatko	Macedonia	966	Physical modeling and 1-G testing using the new type of laminar container
Foglia	Aligi	Germany	1072	Analysis of axially loaded piles in sand by means of FEM and large-scale tests
Chan	Deryck Yik Kiu	United Kingdom	52	Experimental study of structural movements and swelling pressures on deep basements caused by long-term heave in over-consolidated clay
Black	Jonathan	United Kingdom	775	The effect of scour on monopile lateral behaviour
Senent	Salvador	Spain	466	Tunnel face stability laboratory tests in sand considering surface settlements.
KIRICHEK	YURIY	Ukraine	812	Reducing the vibration level of the footings for equipment by viscoelastic connections
Heidenreich	Fabian	Germany	252	Attack of lime-dissolving carbonic acid in laboratory and in situ tests on the load capacity of grouted anchors in sands
Nagy	Gábor	Hungary	1039	Dispersive clays – approach, assessment, connections
Black	Jonathan	United Kingdom	789	Internal erosion of earth flood embankments

TC208 Slope Stability - TC discussion session II			D6-4-Wenesday Slope Stability	TC208 - II
Hartmann	Pia	Switzerland	327	Bored Pile Wall as Retaining Structure, Tuchmacherstrasse – Zurich, Greencity
Bogoevski	Boris	Macedonia	661	Support of extended foundation pit in urban area
Moraci	Nicola	Italy	50	The use of a physically based modell for susceptibility assessment of debris flow source areas
Peduto	Dario	Italy	446	Probabilistic analysis of vulnerability of buildings to slow-moving landslides: a study in three municipalities in southern Italy.
Wangen	Per Arne	Norway	548	Hegramo Quick Clay Area – Stability Analysis and Stabilisation Work
Kiilsgaard	Ramona	Sweden	718	Societal Consequences of landslides - Landslide Risk Mapping in Säveån River valley, Sweden
Calvello	Michele	Italy	141	Using local monitoring data for regional forecasting of weather-induced landslides in Norway
Vallejo	Luis Eduardo	USA	53	Analysis of the failure mode of slopes with open sharp toe notches
Zhang	Weiyuan	Nederland	673	A novel technique for simulating submarine landslides in geo-centrifuge
Scaringi	Gianvito	Czech Republic	1038	Natural and anthropic variations of Na+¬ and K+ concentrations in the pore fluid of a clay landslide: effects on shear strength and creep behaviour

TC205 Safety and Serviceability TC discussion session			D6-5-Wednesday Safety and Serviceability	TC205
Çinicioglu	Safiye Feyza	Turkey	5	A New Embankment Construction Method through the Analyses of Possible Failure Mechanisms in Soft Soils
Mortensen	Niels	Denmark	871	Effects of tangential surface load component on earth pressure coefficients
Hauser	Carsten	Norway	259	Effects of extensive construction activities on pore pressure and settlements in central Oslo
Löfroth	Hjördis	Sweden	300	Effects of a changing climate on natural ground and geoconstructions from a geotechnical point of view
Kawa	M.	Poland	396	Reliability assessment of serviceability limit state for diaphragm wall using hardening soil (HS) model
Nettleton	Ian M	United Kingdom	866	On the nexus of engineering failures in the ground
Rebhan	Matthias J.	Austria	203	Safety assessment of existing retaining structures
Burlon	Sébastien	France	600	“S” shaped curves for shallow foundations design using pressuremeter test results
Nyambayo	Vincent	United Kingdom	59	Overcoming design challenges for an urban railway interacting with fragile 19th century infrastructure in London, UK
Tóth	Viktor	Slovakia	986	Determination of global stability for a group of geotechnical objects in complicated geological conditions.

TC214 Soft Soils - TC discussion session			D6-6-Wednesday Soft Soils	TC214
Paniagua	Priscilla	Norway	265	Comparison of three Norwegian clays from a mineralogical, chemical and geotechnical approach
Vink	Jan-Willem	Nederland	165	Vacuum Consolidation trials to validate strength increase of peaty subsoil for dike stability
Jennings	Paul	Ireland	885	Investigation into the likely cause of peat failure at Ballincollig Hill Wind Farm, Ireland.
Raventós	Josep	Spain	262	Monitoring preloading operations in the Port of Barcelona:
Pastor	Jose Luis	Spain	897	Influence of limestone powder waste on the geotechnical behaviour of a soft soil: Preliminary results
Jennings	Paul	Ireland	884	Assessment of peat slides and failure mechanism of blanket peat on the Flughland Wind Farm Site, Ireland
Casey	Patrick	United Kingdom	210	Assessment of the compression characteristics of cohesive deposits from construction monitoring data, laboratory data and CPTu testing
Mendoza	Cristhian	Colombia	17	Geotechnical behavior of Bogotá lacustrine soil through its geological history
L'Heureux	Jean-Sebastien	Norway	314	Geotechnical characterization of the Tiller/Flotten quick clay site
Attari	Yeganeh	Ireland	344	Predicting Pile Driving Induced Movements in Gothenburg Soft Clay

TC discussion-II			D6-7-Wednesday Soil-Structure and Ground Improvement	TCdiscussion-II
Malaj	Ardita	Albania	453	Deep excavation and slopes stabilization in Tirana, Albania
Fartaria	Catarina	Portugal	536	Infinity tower, high rise building in Lisbon Potugal - Innovative solutions for a deep and complex excavation.
El Kahi	Elio	France	1042	Studying the influence of soil plasticity on the transmission of ground movements affecting the soil-structure interaction
Zorzi	Gianluca	Germany	255	Practical applications of an innovative explicit method to account for cyclic degradation of offshore wind turbines
Olinic	Ernest-Daniel	Romania	993	Soil-mix compacted cushion for land rising and loads distribution to highly compressible foundation soil
De Lillis	Armando	Italy	401	Numerical study of the mechanical behavior of fine-grained dredged sediments
Rafeh	Faten	Lebanon	953	An alternative shear strength reduction approach for the use in stability analyses of geotechnical applications
Edinçliler	Ayse	Turkey	383	Effects of earthquake characteristics on soil isolation with geosynthetics
DESPREZ	Sophie	France	645	Travaux maritimes et portuaires d'extension de Port Est Phase 2