

**11ICG\_Special Programs (As of 28.08.2018)**

Code	Special Programs	Session Title	Date	Time	Room	Organizer	Chair	Speaker	Presentation Code	Name	Country	Paper Title
SC1	Short Course 1	Basal Reinforced Piled Embankments	09-16	09:00-17:00	205	O		O	SC1-01	Suzanne van Eekelen	Netherlands	Research and new developments; basic principles, load distribution in a piled embankment
								O	SC1-02	Suzanne van Eekelen	Netherlands	Requirements and initial details of reinforced embankments
								O	SC1-03	Suzanne van Eekelen	Netherlands	Design of the reinforced embankment
								O	SC1-04	Lars Vollmert	Germany	Long term behaviour of piled embankments
								O	SC1-05	Lars Vollmert	Germany	Cases; realization; details; tips and tricks
								O	SC1-06	Lars Vollmert	Germany	Playing with piled embankments and get a feeling: practice design calculations and optimization
SC2	Short Course 2	Geosynthetic-Stabilized Roads: from Mechanisms to Applications	09-16	09:00-17:00	209			O	SC2-01	J.P. Giroud	France	Introduction and Mechanisms for Geosynthetic-Stabilized Roads
						O		O	SC2-02	Jie Han	U.S.A.	Design of Geosynthetic-Stabilized Unpaved Roads and Case Studies
								O	SC2-03	Erol Tutumluer	U.S.A.	Design of Geosynthetic-Stabilized Paved Roads and Case Studies
								O	SC2-04	Michael Dobie	Indonesia	Relevance of Tests and Trials Incorporating Geosynthetic-Stabilization to Real Roads
TL1	Training Lecture 1	Geosynthetic Reinforced Embankments on Soft Foundations	09-18	11:00-12:30	205	O		O	TL1	Robert D Holtz	U.S.A.	Geosynthetic Reinforced Embankments on Soft Foundations
TL2	Training Lecture 2	Designing with Geosynthetic Clay Liners	09-18	16:00-17:30	205	O		O	TL2	Abdelmalek Bouazza	Australia	Designing with Geosynthetic Clay Liners
TL3	Training Lecture 3	Design and Construction of Very High Tiered Reinforced Soil Retaining Walls in Difficult Conditions	09-19	09:00-10:30	205	O		O	TL3	Rajagopal Karpurapu	India	Design and Construction of Very High Tiered Reinforced Soil Retaining Walls in Difficult Conditions
TL4	Training Lecture 4	Pavement Structures Reinforced with Geosynthetics	09-20	09:00-10:30	205	O		O	TL4	Krystyna Kazimierowicz-Frankowska	Poland	Pavement Structures Reinforced with Geosynthetics

Code	Special Programs	Session Title	Date	Time	Room	Organizer	Chair	Speaker	Presentation Code	Name	Country	Paper Title
SS1	Special Session 1 (K-water)	Geotechnical and Hydrologic Engineering for a New Integrated Natural Disaster Management of Water Infrastructures	09-18	09:00-10:30	205	O	O	O	SS1-01	Dong-Hoon Shin	Korea	Validation method of numerical analysis for seepage behavior of levee using physical modeling
								O	SS1-02	Eun Ho Oh	Korea	Use of Emergency Action Plan in Disaster Risk Management Support System
								O	SS1-03	Jong-Ryul Park	Korea	Application of New Real-time Safety Evaluation System for Levee Structures
SS2	Special Session 2	Stabilisation Function of Geosynthetics	09-18	11:00-12:30	105			O	SS2-01	Jacek Kawalec	Poland	Selected laboratory and field research on geogrid impact on stabilization of unbound aggregate layer
								O	SS2-02	Yong-Hoon Byun	Korea	Use of shear Waves to Quantify Local Stiffness Increase in Geogrid Aggregate Applications Subjected to Anisotropic Loading
								O	SS2-03	Jorge G. Zornberg	U.S.A.	Evaluation of Soil-Geogrid Interaction using Transparent Soil with Laser Aided Imaging
								O	SS2-04	Marco Isola	U.S.A.	Design of geogrid stabilized paved roads based on TBR, BCR and LCR approaches: theoretical differences and comparison of results
						O(2)	O	SS2-05	Mark Wayne	U.S.A.	Performance Verification of Optimized Pavement Layers	
							O	SS2-06	Lars Vollmert	Germany	Small strain effects - geogrids contribution to serviceability	
						O	O(1)	O	SS2-07	Jacek Kawalec	Poland	Aggregate - geogrid interaction in stabilisation applications. How far standard laboratory index test results are from reality
SS3	Special Session 3	Electrokinetic Geosynthetics and Electro-osmosis	09-18	13:30-15:30	105	O	O(1)	O	SS3-01	Yan-feng Zhuang	China	Upward Gradient EKG and Electro-Osmosis for Deep Soft Ground Consolidation
							O(2)	O	SS3-02	Colin Jones	United Kingdom	The Economic, Environmental and Technical Benefits offered by EKG - The Fourth Generation of Geosynthetic Materials
							O(3)			Jian Zhou	China	
								O	SS3-03	John Lamont-Black	United Kingdom	Accelerated dewatering of ohcra tailings using electrokinetic geosynthetic (EKG) materials
								O	SS3-04	Tianjiao Zhang	China	Application of Vertical Layered Power Technology in Electro-osmosis Combined with Vacuum preloading
								O	SS3-05	Tianjiao Zhang	China	Application of Tubular EKG Material in Electro-Osmotic Field Test
								O	SS3-06	Yan-feng Zhuang	China	Testing technique of resistivity of EKG electrode and contact resistance in electro-osmosis
		O	SS3-07	Tianjiao Zhang	China	Effects of Artificial Chelating Agent and Fulvic Acid on Electric Removal of Soil Plumbum and Electroosmotic Consolidation with Tabular EKG Draining Board						
SS4	Special Session 4	Geosynthetics for Countermeasures against Nuclide Contamination	09-18	16:00-17:30	105	O	O			Takeshi Katsumi	Japan	
								O	SS4-01	Masatoshi Ishida	Japan	Numerical analysis on wind-originating tensile force acting on cover sheet for temporary storage site of decontamination waste
								O	SS4-02	Masaki Nishimura	Japan	Development of Gas-Permeable/Waterproof Sheet and Its Application as a Cover Sheet of Putrefactive-Radioactive Contaminated Waste
								O	SS4-03	Hirofumi Nakayama	Japan	Monitoring of Capping for Radionuclide-Contaminated Wastes Using Remote-Sensing Technology
								O	SS4-04	Kohei Yokota	Japan	Design of barrier systems for interim storage facilities to contain nuclide contaminated soils and wastes
		O	SS4-05	Joji Hinobayashi	Japan	Design of intermediate storage facilities for nuclide-contaminated soil						
SS5	Special Session 5	Innovative Materials & Technologies for the Sustainable City	09-19	11:00-12:30	205		O			Yun-Tae Kim	Korea	
								O	SS5-01	Sun-Gyu Choi	Korea	Development of new calcium source using limestone and acetic acid solution in MICP
								O	SS5-02	Jong-Suk Jung	Korea	FEM Analysis of Road Structure Stability depending on Installation of LID Facilities
								O	SS5-03	Jung-Min Lee	Korea	Field Application of Element Technology for Prevention of Rain-fall induced Debris Flow Disaster in Urban Areas
		O	SS5-04	Suk-Min Kwon	Korea	Fundamental Properties of Concrete containing Self-Healing Admixtures						

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IGS TC1	IGS TC Session 1 (Barrier Systems)	Geosynthetic Barriers – Current Hot Topics (IGS TC Barrier Systems)	09-18	11:00-12:30	102	O	O(1)			Kent Von Maubeuge	Germany	
							O(2)			Nathalie Touze-Foltz	France	
								O	IGS TC1-01	George Koerner	U.S.A.	Geomembrane Durability
								O	IGS TC1-02	Richard Brachman	Canada	Geosynthetic Protection layers
								O	IGS TC1-03	Abdelmalek Bouazza	Australia	GCL hydration and controlling factors
								O	IGS TC1-04	R. Kerry Rowe	Canada	Some often under appreciated aspects of Construction/Installation and Quality Assurance
IGS TC2	IGS TC Session 2 (Hydraulic)	Drainage and Filtration for Reinforced Soil Walls (IGS TC Hydraulic Applications)	09-19	09:00-10:30	102		O(2)	O	IGS TC2-01	George Koerner	U.S.A.	Mechanically Stabilized Earth (MSE) Wall Failures Due to Hydraulic Situations
								O	IGS TC2-02	Nicola Moraci	Italy	Design of geotextile filters for reinforced soil walls
						O	O(1)	O	IGS TC2-03	Pietro Rimoldi	Italy	Design methods for drainage of reinforced soil walls
								O	IGS TC2-04	Qaisar Abbas	Korea	Laboratory investigation of internal drainage on the deformation behavior of geosynthetics reinforced soil wall (GRSW) during rainfall
IGS TC3	IGS TC Session 3 (Soil Reinforcement)	New Design and Research Approaches for Fundamental Geosynthetic: Soil Reinforcement Applications	09-20	09:00-10:30	102	O	O(1)			Gerhard Braeu	Germany	
							O(2)			Fumio Tatsuoka	Japan	
								O	IGS TC3-01	Richard Bathurst	Canada	The basics of probabilistic internal stability analysis and design of reinforced soil walls explained
								O	IGS TC3-02	Lars Vollmert	Germany	Performance of geogrid reinforced and stabilized base courses
								O	IGS TC3-03	Pietro Rimoldi	Italy	Semi-probabilistic approach to the stability of veneer reinforcement
								O	IGS TC3-04	Yoshihisa Miyata	Japan	Seismic design of reinforced soil walls in Japan and case study on the 2016 Kumamoto earthquake
IGS CS1	IGS Chapter Session (Indian)	Indian Case Studies Session : Ground Improvement for Construction over Poor and Swelling Soils	09-20	13:30-15:30	102	O				Uday Chander	India	
							O(1)			M. Venkataraman	India	
								O	IGS CS1-01	G. Venkatappa Rao	India	Construction of embankments and retaining walls on black cotton soil deposits using geosynthetics
								O	IGS CS1-02	Rajagopal Karpurapu	India	Experiences gained from expansion of storage capacity of a lined pond at Hindustan Zinc Ltd.
							O(2)	O	IGS CS1-03	Vivek P. Kapadia	India	Geosynthetics in irrigation canals in swelling soils of Gujarat, India : a case study
								O	IGS CS1-04	Vivek P. Kapadia	India	Geosynthetic reinforcement in distressed canal embankment in Gujarat, India : a case study
								O	IGS CS1-05	Saurabh Vyas	India	Reinforced soil wall for Monsoon Palace, Aamby Valley
								O	IGS CS1-06	Amit Prashant	India	Stabilization of ravines : case study of Sabarmati river, Gujarat State, India
								O	IGS CS1-07	Ranjit Dash	India	Construction, Closure & Capping of Geosynthetic Lined Slurry Pond at Vishakhapatnam-India-15 year experience
								O	IGS CS1-08	Tiru Kulkarni	India	River bank protection using polymer gabions – A case study on the river Tapi in India

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DS	Discussion Session	Wrinkles, Bridging, Uplift and Ballasting during Liner Installation	09-19	11:00-12:30	105	O	O(1)	O	DS-01	Ian D. Peggs	U.S.A.	Managing Wrinkles, Bridging, and Ballasting during Geomembrane Installation
							O(2)	O	DS-02	Han-Yong Jeon	Korea	Review of MQC and MQA by Material and Manufacturing Factors on Wrinkle Formation and Propagation of Geomembranes Before/After Installation
								O	DS-03	J.P. Giroud	France	Analysis of wrinkles and bridging of geomembranes leading to practical guidance
								O	DS-04	Catrin Tarnowski	Germany	Maximize liner lifetime by minimizing stresses on liner
								O	DS-05	Ho Kum Hou	Malaysia	Managing Wrinkles, Bridging and Ballasting during Geomembrane Installation
YS	IGS Young Members Session		09-18	13:30-15:30	205	Jury				Nathalie Touze-Foltz	France	
						Jury				Gerhard Bräu	Germany	
						Jury				Dongwook Kim	Korea	
						Jury	O(1)			Laura Carbone	Italy	
						Jury	O(2)			Preston Kendall	Australia	
								O	YS-01	Livia Avancini	Brazil	Influence of water treatment plant sludge characteristics on its dewaterability in geotextile closed systems
								O	YS-02	Ana Carolina Pires	Brazil	Geosynthetic reinforcement for the protection of buried pipes against surface surcharges
								O	YS-03	Anja Martin	Germany	Durability assessment of polyethylene geopipes in landfills - examination after several years in service
								O	YS-04	Prajakta Jadhav	India	Erosion control of silty ravines on the banks of Sabarmati river
								O	YS-05	S. Selvakumar	India	The performance of EPS Geofoam column: An introduction
								O	YS-06	Alireza Noory	Iran	A new laboratory test device and method for evaluation of shear bonding of geosynthetic reinforced overlays
								O	YS-07	Manh Hung Ho	Japan	Confining Tie Rods in Confined-reinforced Earth Method to Reduce Differential Settlement
								O	YS-08	Thanh Son Nguyen	Taiwan	Geosynthetic-reinforced soil slopes with different backfills and reinforcements subjected to rainfall infiltration
								O	YS-09	Xin Peng	U.S.A.	Evaluation of Soil-Geogrid Interaction using Transparent Soil with Laser Aided Imaging
		O	YS-10	Genaro Gonzalo Carnero Guzman	Australia	Hydration/dehydration behaviour of GCLs under extreme cold environment						