



Piles-Deep Mixing-Walls
21-23 May 2014

Complete Conference Program

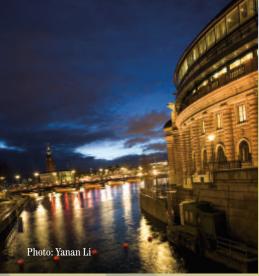


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Wednesday, May 21 - Day 1

9:00 - 9:05	Opening Statement		SESSION 2
	Sikko Doornbos, Conference Chair, Terracon Funderingstechniek B.V.		Bored and Driven Piles Dan Brown, P.E., Ph.D., D.GE,
9:05 - 9:10	Presentation of DFI Goals and Activities		Dan Brown and Associates, PC
	Robert B. Bittner, P.E., DFI President,		and Maurice Bottiau, Franki Foundations Belgium
0.10 0.15	Bittner-Shen Consulting Engineers Inc	13:30 - 14:00	Case Histories - Lessons Learned Keynote: Maurice Bottiau, Franki Foundations Belgium
9:10 - 9:15	Presentation of EFFC Goals and Activities Chris Primett, EFFC President, Aarsleff Limited	14:00 - 14:10	Introduction to Session
	SESSION 1		Dan Brown, Ph.D., P.E., D.GE,
	Harmonization of Execution Standards	1410 1400	Dan Brown and Associates, PC
	K. Rainer Massarsch, Dr., Geo Risk & Vibration Scandinavia AB	14:10 - 14:30	Comparison of Response to Load for Four Different Types of Piles
9:15 - 9:35	Keynote Lecture: The Need for		Bengt H. Fellenius, Dr.Tech, P.Eng., Consulting Engineer
	Standardization for Piles	14:30 - 14:50	Assessing the Applicability of Thermal Response
	Roger Frank, ISSMGE President, National School for Bridges and Highways		Testing to Energy Piles Dr. Fleur Loveridge, CEng MICE, FGS CGeol,
9:35 - 9:50	Pile Design According to Eurocode 7,		University of Southampton
	Highlights and Developments	14:50 - 15:10	Ground Vibrations from Pile and Sheet Pile Driving Part 1 – Building Damage
9:50 - 10:05	Adriaan van Seters, M.Sc., Fugro GeoServices BV Standards on Special Geotechnical Works:		K. Rainer Massarsch, Dr.,
0.00 - 10.00	Two Decades of European Collaboration		Geo Risk & Vibration Scandinavia AB
	Christian Gilbert, Ph.D., SYSTRA	15:10 - 15:30	Analysis of Plugging Effect for Open-Ended Piles in Sandy Soil
10:05 - 10:40	Networking Break - Exhibition/Coffee		Sangseom Jeong and Junyoung Ko, Ph.D.,
10:40 - 10:55	AASHTO: Governance for US Transportation Projects Silas Nichols, P.E., Federal Highway Administration		Yonsei University; Moonkyung Chung, Ph.D.,
10:55 - 11:10	Piling Design and Construction Codes and Standards		Korea Institute of Construction Technology
	for Buildings: A United States Perspective	15:30 - 16:00	Networking Break - Exhibition/Coffee
	Rudolph Frizzi, P.E., GE, D.GE, Langan Engineering and Environmental Services	16:00 - 16:20	Advantages of Designing Full Displacement Type Pile
11:10 - 11:25	Standardizations of Execution and Quality Control		in Tropical Porous Soil Deposits Renato Pinto da Cunha, Ph.D.,
	on Piling and Deep Mixing Method		University of Brasilia / Brasil
11:25 - 11:30	Masaki Kitazume, Dr. Eng., Tokyo Institute of Technology Panel Discussion	16:20 - 16:40	Comparison of Static and Dynamic Load Tests on
11.25 11.50	Opening Statement: K. Rainer Massarsch, Dr.,		Bored Piles in Glacial Soil Dr. Ernst Niederleithinger BAM Federal Institute for
	Geo Risk & Vibration Scandinavia AB		Materials Research and Testing
11:30 - 11:40	Trevor Orr, Trinity College Dublin	16:40 - 17:00	Ultimate Shaft Friction, Displacement Response and
11:40 - 11:50 11:50 - 12:00	Kikuchi Yoshiaki, Tokyo University of Science James Morrison, P.E., ILF Consultants Inc		Set-Up for Axially Loaded Piles in Clay Kjell Karlsrud, Dr. Philos,
12:00 - 12:05	Questions to Panelists from Session Chair		Norwegian Geotechnical Institute (NGI)
12:05 - 12:15	Q&A	17:00 - 17:30	Panel Discussion / Q&A: Discussion of Standards James Johnson, Condon-Johnson & Associates Inc.
12:30 - 13:30	Lunch		Gary Axelsson, ELU Konsult AB
			Hans-Joachim Bliss, P.Eng., BAUER Spezialtiefbau Gmbh
			Patrick Bermingham,
			Bermingham Foundation Solutions Limited
			David Sherwood, FREng, CEng, FICE, Bsc., Bachy Soletanche Ltd
		17:30 - 19:30	Icebreaker Reception in Exhibit Hall

	SESSION 3 Deep Mixing: Wet and Dry Methods George K. Burke, P.E., D.GE, Hayward Baker Inc. and Noël Huybrechts, civ.eng., Belgian Building Research Institute (BBRI)
9:00 - 9:30	Deep Mixing in the United States: Milestones in Evolution Keynote: Donald Bruce, Ph.D., D.GE, C.Eng., L.G., L.E.G., Geosystems, L.P.
9:30 - 9:50	Introduction to Session Session Chairs: George Burke, P.E., D.GE and Noël Huybrechts, civ.eng.
9:50 - 10:10	Field Trials for Deep Mixing in Land Remediation: Execution, Monitoring, QC and Lessons Learned Dr. Abir Al-Tabbaa, University of Cambridge
10:10 - 10:30	Applicability of Wet Grab Sampling to Quality Assurance of Deep Mixing Method Masaki Kitazume, Dr. Eng., Tokyo Institute of Technology
10:30 - 11:00	Networking Break - Exhibition/Coffee
11:00 - 11:20	A Case Study on the Effect of Using Surcharge Fill as a Complement to Ground Improvement with Lime-Cement Columns Stefan Larsson, Professor, KTH Royal Institute of Technology
11:20 - 11:40	Real-Scale Tests on Soil Mix Elements Nicolas Denies, Dr. Ir., Belgian Building Research Institute
11:40 - 12:40	Panel Discussion - Q&A Marcus Dahlström, Geotechnica Göteborg AB
	Michaël Topolnicki, Ph.D., Dr. Sc., Keller Polska Sp. z o.o.
	George Filz, Ph.D., P.E., Virginia Tech
	Franz Werner Gerressen, DiplIng., BAUER Maschinen GmbH
12:45 - 13:45	Lunch
13:45 - 14:30	Presentation of the Söderströmtunneln Project Kjell-Åke Averstad, Project Manager, Trafikverket
14:30 - 16:30	Söderströmstunneln Site Visit or Technical Video Presentations
18:00	Awards Reception and Banquet, Operakällaren



Roger Frank



Maurice J. M. Bottiau



Donald Bruce



Bengt H. Fellenius



Frits van Tol



Stefan Aronsson



Eric Halpin



K. Rainer Massarsch



9:00 - 9:25	SESSION 4 Walls: In-situ And Pre-formed (Dedicated to Arturo Ressi) ir. Bartho (B.J.) Admiraal, Volker Staal en Funderingen (VSF), part of VolkerWessels Group and Dwight Metcalf, P.E., Kiewit Infrastructure Engineers New Developments to Improve the Reliability of D-Walls	12:15 - 12:45	Panel Discussion - Q&A David Paul, P.E., US Army Corps of Engineers Prof. Almer van der Stoel, CRUX Engineering BV Prof. Matthias Pulsfort, Technical University Wuppertal David Sherwood, FREng, CEng, FICE, Bsc. Bachy Soletanche Ltd Maurizio Siepi; TREVI S.p.A.
	Keynote: ir. Frits van Tol, Delft University of Technology	12:45 - 14:00	Lunch - Presentations by Exhibitors
9:25 - 9:50	Case Histories - Lessons Learned USA/Canada Keynote: Eric Halpin, P.E., US Army Corps of Engineers	12,10 11,00	SESSION 5 New Trends in Foundation Practice Chris Harnan, Ceecom Consult Limited and
9:50 - 10:05	Summary of Papers Submitted to Session Session Chair: Bartho Admiral (Chair WG EFFC) and Dwight Metcalf, P.E.		Theresa Rappaport, Deep Foundations Institute
		14:00 - 14:25	DFI Europe Monitoring and Instrumentation
10:05 - 10:20	Development and Experiences on Versatile		Committee Objectives Rob van Dorp, M.Sc., Allnamics Pile Testing Experts BV
	Applications on RD-pile Walls Harald Ihler, Ruukki Norge AS	14:25 - 14:45	Sustainability Committee Presentation on the Carbon Calculator
10:20 - 10:35	A New Method of Quality Control for Construction Joints in Diaphragm Walls Nikolaus Schneider, DiplIng., GuD Geotechnik und Dynamik Consult GmbH		Marine Lasne, Eng. Master, Soletanche Freyssinet
		14:45 - 15:10	Collaborative Alliances – A Sustainable Way Forward for Construction? Stefano Trevisani, Trevi S.p.A.
10:35 - 11:00	Design and Construction of the Lee Tunnel Diaphragm Wall Shafts, London UK Martin Stanley CEng MICE MEng(Hons) DIC and	15:10 - 15:30	Panel Discussion - Q&A All speakers
	Sivilay Sayavong, Bachy Soletanche Ltd	15:30 - 16:00	Networking Break - Exhibition/Coffee
11:00 - 11:30	Networking Break - Exhibition/Coffee	16:00 - 16:30	John Mitchell Lecture – Design of Piled
11:30 - 11:55	A Brand New Barrier Wall Installed at Wolf Creek Dam Fabio Santillan, Treviicos Corporation		Foundations as Reflected in Codes and Standards Bengt H. Fellenius, Dr.Tech, P.Eng., Consulting Engineer
11:55 - 12:15	Are Specifications for Deep Foundation Concrete Up-to-date? Karsten Beckhaus, (DrIng.), Bauer Spezialtiefbau GmbH	16:30 - 17:00	The Heritage of Swedish Foundation Engineering K. Rainer Massarsch, Geo Risk & Vibration AB and Stefan Aronsson, ÅF Infrastructure AB
	induction because, (Di-ing.), bauer openiamental Ullion	17:00	Closure of Conference Sikko Doornbos, Conference Chair



