

DFI-India 2018: November 15-17, 2018

8th Conference on Deep Foundation Technologies for Infrastructure Development in India

IIT Gandhinagar, Gujarat, India | www.dfi.org/india2018



Day, Date	Start time	Stop time	Presentation Title
Friday, November 16, 2018	8:00 AM	9:00 AM	Registration, Refreshments, Exhibition and Networking
Friday, November 16, 2018	9:00 AM	9:30 AM	Inauguration Ceremony
Friday, November 16, 2018			Session 1 Deep Foundations in Infrastructure Projects - An Owners Perspective
Friday, November 16, 2018	9:30 AM	10:00 AM	Keynote: Indian Perspective on Contractual Issues - Vivek Kapadia, Narmada Water Resources Department, Water Supply and Kalpasar Dept. , Government of Gujarat, India
Friday, November 16, 2018	10:00 AM	10:30 AM	Keynote: An Owners Perspective in Managing Ground and Foundation Related Risks - Dr. Conrad Felice, PhD, PE, DGE, CW Felice LLC, USA
Friday, November 16, 2018	10:30 AM	10:50 AM	Guest Presentation: Women in Engineering - Ms. Anjana Kadakia, PE, LEED AP, BD+C, Thornton Tomasetti, USA
Friday, November 16, 2018	10:50 AM	11:00 AM	Guest Presentation: Women in Deep Foundations Initiative in India - Mary Ellen Large, PE, DGE, DFI and Lucky Nagarajan, Skyline Steel LLC, USA
Friday, November 16, 2018	11:00 AM	11:30 AM	Morning Break, Networking, Refreshments & Exhibition Visit
Friday, November 16, 2018	11:30 AM	12:00 PM	Keynote: Risk Assessment and Design of a New Developed Slope Stabilization - Prof. Rolf Katzenbach, Technische Universität Darmstadt, Germany
Friday, November 16, 2018	12:00 PM	12:15 PM	Design and Construction of Pile Foundations in the Congested Part of Old DHAKA City of Bangladesh-Case Study on Mayor Mohammad Hanif Flyover -Avik Mandal, Lea Associates South Asia Pvt. Ltd., India
Friday, November 16, 2018	12:15 PM	12:25 PM	Platinum Sponsor Presentation - Keller
Friday, November 16, 2018	12:25 PM	12:40 PM	A Review on T-shaped Deep Mixing Technology in Engineering Projects - Jigisha Vashi, PhD, SVKMS NMIMS MPSTME Mumbai, India
Friday, November 16, 2018	12:40 PM	12:55 PM	Effect of Geotechnical Parameters in design and construction of Metro Tunnel below River Ganges in Kolkata, India - Biswanath Dewanjee, FIE, Kolkata Metro Rail Corporation, India
Friday, November 16, 2018	12:55 PM	1:10 PM	Assessing Depth of Well Foundation-Case Study - Ravi Sundaram, Cengrs Geotechnica Pvt. Ltd., India

Day, Date	Start time	Stop time	Presentation Title	
Friday, November 16, 2018	1:10 PM	2:00 PM	Lunch	
Friday, November 16, 2018			Session 2 Best Practices and New Technology Initiatives	
Friday, November 16, 2018	2:00 PM	2:30 PM	Keynote: Geotechnical Failures in Railway Projects - Mr. Subodh Jain, Jaypee University of Information Technology, India	
Friday, November 16, 2018	2:30 PM	3:00 PM	Keynote: Lessons Learned from Geotechnical Failures - Dr. James Collin, PE, DGE, The Collin Group, USA	
Friday, November 16, 2018	3:00 PM	3:05 PM	Gold Sponsor Presentation - PRD Rigs	
Friday, November 16, 2018	3:05 PM	3:35 PM	Keynote: Densification of Loose Sand Below a Large ECRD Dam - Dr. G.V. Ramana, IIT Delhi, India	
Friday, November 16, 2018	3:35 PM	3:50 PM	New Technologies for Future in Deep Foundations Industry in India - Sachin Kamat, IGS Mumbai Chapter, India	
Friday, November 16, 2018	3:50 PM	4:05 PM	Performance of Large-Diameter Bored Pile with Short Socketed Length in Igneous Rock in Thailand - Dr. Thayanan Booyarak, Seafco Public Company Limited, Thailand	
Friday, November 16, 2018	4:05 PM	4:30 PM	Afternoon Break, Networking, Refreshments & Exhibition Visit	
Friday, November 16, 2018			Session 2 - Parallel A: Best Practices and New Technology Initiatives	Session 2 - Parallel B: Ground Improvement, Piling and Deep Excavation and Support Technologies
Friday, November 16, 2018	4:30 PM	4:45 PM	Applications of Rock Penetration H Pile for Deep Excavation Retaining System - Nagarajan D, L&T Construction India	Engineering Aspects of Jet Grouting and Its Applications for Seepage Control - Akhila Manne, Keller Ground Engineering India Pvt. Ltd., India
Friday, November 16, 2018	4:45 PM	5:00 PM	Micropiles – A Story of Success! - Andreas Brandner, Dipl.-Ing. MSc., IB-Brandner, Austria	Mitigation of Liquefaction Potential Using Vibro Compaction - Tanmay Gupta, Keller Ground Engg India Pvt Ltd, India
Friday, November 16, 2018	5:00 PM	5:15 PM	Recognized Corrosion Protection Methods for Permanent Ground Anchors - Rajiv Pandey, DSI-Bridgecon India Pvt. Ltd., India	Negative Skin Friction on a Pile – Effect of Drainage Condition - Prince Kumar, IIT Bombay, India
Friday, November 16, 2018	5:15 PM	6:45 PM	Panel Discussion (including time to reconvene in large session room)	
Friday, November 16, 2018	6:45 PM	7:15 PM	Free time	
Friday, November 16, 2018	7:15 PM	9:15 PM	Cultural Evening and Banquet	
Saturday, November 17, 2018	8:00 AM	9:00 AM	Registration, Refreshments, Exhibition and Networking	
Saturday, November 17, 2018			Session 3 - Geotechnical Investigation, Testing, Contractual and Reporting Requirements	
Saturday, November 17, 2018	9:00 AM	9:30 AM	Keynote: Understanding Risk in Geotechnical Site Characterization - Mr. Silas Nichols, PE, Slohcin Solutions, USA	
Saturday, November 17, 2018	9:30 AM	10:00 AM	Keynote: Communicating Objectives and Risk Among Project Shareholders - Dr. Antonio Marinucci, PhD, PE, MBA, V2C Strategists, LLC, USA	
Saturday, November 17, 2018	10:00 AM	10:15 AM	Scour Effects on Laterally Loaded Piles in Sand and Potential Remedial Measurements - Yahia Mohamedzein, PhD, Sultan Qaboos University, Oman	

Day, Date	Start time	Stop time	Presentation Title	
Saturday, November 17, 2018	10:15 AM	10:30 AM	Unconventional Geotechnical Investigation for Construction of New General Cargo Terminal at Port Owendo, Gabon - Aditya Khataavkar, AFCONS Infrastructure, India	
Saturday, November 17, 2018	10:30 AM	10:45 AM	Gold Corporate Presentations	
Saturday, November 17, 2018	10:45 AM	11:15 AM	Morning Break, Networking, Refreshments & Exhibition Visit	
Saturday, November 17, 2018			Session 3 - Parallel A: Deep Foundations in Infrastructure Projects - An Owners Perspective	Session 3 - Parallel B: Ground Improvement, Piling and Deep Excavation and Support Technologies
Saturday, November 17, 2018	11:15 AM	11:30 AM	Secant Pile Wall for Cut Off at Sundilla Barrage - Chandramohan Pattuparambil, Navayuga Engineering Company Limited, India	Advanced Numerical Modelling of Deep Excavation Supporting System using Contiguous Pile Wall - George Idiculla, PhD, IIT Bombay, India
Saturday, November 17, 2018	11:30 AM	11:45 AM	Extent of Failure Zone in Soil at the Cutting Edge of Open Caisson: FE Evaluation and Regression Analysis - Jitesh Chavda, PhD Research Scholar, IIT Madras, India	Hydraulic Laterally Extruded Pile: A Method to Enhance Bearing Capacity of Pile - Dinesh Bishnoi, NIT Surat, India
Saturday, November 17, 2018	11:45 AM	12:00 PM	Need for Upgradation of Foundation Code for Highway Transportation Infrastructure (IRC:78-2014) - Alok Bhowmick, B&S Engineering Consultants Pvt. Ltd., India	A Model Study of Micropiles Subjected to Lateral Loading in Different Sand State Conditions - Zakir Hussain, Assam Engineering College, India
Saturday, November 17, 2018	12:00 PM	12:15 PM	Design of Cofferdam for Well Foundation Construction - A Case Study - Sandeep Nikam, L&T Construction, India	Performance of Contiguous Bored Pile Wall Retention System: A Case Study - Vimala Chinnasamy, Keller Ground Engineering, India
Saturday, November 17, 2018	12:15 PM	1:15 PM	Networking Lunch	
Saturday, November 17, 2018			Session 4 Ground Improvement, Piling and Deep Excavation and Support Technologies	
Saturday, November 17, 2018	1:15 PM	1:30 PM	Continuous Flight Auger Piles - A Technology Initiative for Faster Piling in India - Dr. Sunil Basarkar, AFCONS Infrastructure	
Saturday, November 17, 2018	1:30 PM	1:45 PM	Contact Free Sensor to Monitor Prestressing Anchors in Geotechnical Structures - Rajiv Pandey, DSI-Bridgecon India Pvt.	
Saturday, November 17, 2018	1:45 PM	2:00 PM	Single Bore Multiple Anchor Systems (SBMAs) in Challenging and Variable Ground Conditions - Dr. Antonio Marinucci, PhD, PE, MBA, V2C Strategists LLC, USA	
Saturday, November 17, 2018	2:00 PM	2:15 PM	Alternative Piling Methods - Chances for Technical and Economical Solutions - Manfred Shoepf, Bauer Maschinen GmbH, Germany	
Saturday, November 17, 2018	2:15 PM	2:30 PM	Base Grouting of Bored Cast-in-Situ Piles at the Railway Bridge Over the River Rupsha, Bangladesh: A Case Study - Rahul S, L&T Constructions, India	
Saturday, November 17, 2018	2:30 PM	2:45 PM	Secant Piling Shoring System - With Circular Configuration - A Case Study - Jibi Yohannan, WABAG, India	
Saturday, November 17, 2018	2:45 PM	3:00 PM	Behavior of Single Pile and Pile Groups Subjected to Abrupt Collapse of Retaining Wall - Kranthikumar Alla, IIT Roorkee, India	
Saturday, November 17, 2018	3:00 PM	3:15 PM	Use of Socketed Micro Piles for Excavation Support in Heterogeneous Fill Material - Shuvranshu Rout, Tata Consulting Engineers Limited, India	
Saturday, November 17, 2018	3:15 PM	3:45 PM	Afternoon Break, Networking, Refreshments & Exhibition Visit	
Saturday, November 17, 2018			Session 4 - Parallel A: Ground Improvement, Piling and Deep Excavation and Support Technologies	Session 4 - Parallel B: Piling and Deep Excavation and Support Technologies
Saturday, November 17, 2018	3:45 PM	4:00 PM	Bi-Directional Pile Load Test - Case Studies - Ravi Sundaram, Cengrs Geotechnica Pvt. Ltd., India	Foundation Anchoring for Stability in Brownfield Site - Manos De, Tata Consulting Engineers Limited, India

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Saturday, November 17, 2018	4:00 PM	4:10 PM	Kinematic and Inertial Forces of Single Pile Under Dynamic Loading Using Numerical Approach - Alireza Saeedi Azizkandi, Iran University of Science and Technology, Iran	Optimization of Pile Foundation - Dr. Akhileshwar Singh, NIT Jamshedpur, India
Saturday, November 17, 2018	4:10 PM	4:20 PM	Numerical Analysis of the Soil-Pile-Structure Interaction on Structure's Base - Alireza Saeedi Azizkandi, Iran University of Science and Technology, Iran	Pre-stressed Ground Anchors for Underground Stations and Earth Retaining Structures - Prasanna Rahini Umashankar, BE, PGCMMA, Pavi Infra Geotech, India
Saturday, November 17, 2018	4:20 PM	4:30 PM	Slope Protection and Seepage Control Measures for Deep Excavation Adjacent to Lake - Case Study - Raja Rajan Kalidoss, ME, MIGS, L&T, India	Instability Analysis of Mono Pile in Flexural and Buckling Modes Due to Liquefaction Induced Lateral Spreading - Dr. Patnayakuni Prakash, IIT Gandhinagar, India
Saturday, November 17, 2018	4:30 PM	4:40 PM	Bi-Directional Static Axial Pile Load Test: Garca River Bridge - Brazil - Paul Alexander, GE, GEO-Ground Engineering Operations, India	Simplified One-Dimensional Models for Pile-Soil-Pile Interactions of a Duo-Pile System - Mohan Kolli, PhD Scholar, IIT Gandhinagar, India
Saturday, November 17, 2018	4:40 PM	4:50 PM	Jet Grouted Columns - Ground Improvement for Liquefaction Resistance - A Case Study - Jibi Yohannan, WABAG, India	Experimental Study on Pullout Capacity of Vertical Shallow Multi-Plate Helical Piles in Sand - Swapnali Pawar, NIT Surat, India
Saturday, November 17, 2018	4:50 PM	5:00 PM	Evaluation of Slope Stability Failure on Reclamation Bund - A Case Study - M Kumar, Larsen & Toubro Limited, India	
Saturday, November 17, 2018	5:00 PM	5:10 PM	Closing Remarks (reconvene in large session room)	

***Program Subject To Change**