



Deep Foundations Institute in collaboration with Indian Institute of Technology Gandhinagar and Indian Geotechnical Society Ahmedabad Chapter present:

DFI-India 2018: November 15-17, 2018 8th Conference on Deep Foundation Technologies for Infrastructure Development in India

IIT Gandhinagar, Gujarat, India

Pre-Conference Workshop: Ground Improvement Techniques - Column Supported Embankments and Soil Mixing



Register Now to Attend – www.dfi.org/india2018
on or before October 31, 2018

Event Overview

India is preparing to invest close to INR 48.5 Lakh Crores (~USD750Bn) over the next five years in infrastructure projects for railways, highways, ports, metro rail, airports, energy, irrigation, water supply, urban transport and housing sectors. The conference is a common platform for all stakeholders in the deep foundations industry to present, deliberate and debate case studies and the challenges facing India's geotechnical works for infrastructure projects.

About the Conference

The event begins with a one-day workshop on **Ground Improvement Techniques – Column Supported Embankments and Soil Mixing**. A two-day technical program follows with keynote lectures by invited experts and presentations by authors of accepted abstracts for presentations. These talks will showcase proactive solutions that optimize performance of deep foundations for various infrastructure projects by achieving enhanced time and cost efficiency, higher quality and safety.

The workshop and conference chaired by Prof. Amit Prashant, IIT, will be of interest to contractors, developers, agencies, designers, consultants, educators and representatives from local, state and central government, and public and private sector organizations.

Venue

Indian Institute of Technology (IIT) Gandhinagar
Palaj Campus | Academic Building 1 | Village Palaj Simkheda
Gandhinagar, Gujarat 382355 | Gujarat, India

Accommodations

Visit the conference website at www.dfi-india2018.org for a list of recommended hotels. Students and Young faculties who wish to stay at IITGn hostel, Please contact: Abhishek Gupta
Email: abhishekg@iitgn.ac.in | Phone: +91 88 6667 1122

Contact Information

Contact: T.S. Mahendran, DFI of India
Email: dfiindiaoffice@gmail.com
Website: www.dfi.org/india2018
Phone: +91 9710 222 444

Reasons to Attend

- Network with more than 200 attendees including industry leaders and company principals
- Make contact and build relationships with clients, prospective clients and even competitors
- Exchange ideas with the entire project delivery team, including owners, government agencies, engineers, contractors, and manufacturers/suppliers
- Learn what trends and techniques are shaping the deep foundations industry in India
- Explore the Exhibit Area featuring the latest products and services

Registration Fees

Registration fees include session attendance, exhibit attendance, poster attendance, refreshments, tea breaks, lunches, banquet dinner, conference bag containing registration materials and handouts, and access to the online proceedings including technical papers and presentation files.

Two-day Conference Plus One-Day Workshop	INR*
DFI Member	8,500
IGS Member	9,000
Nonmembers (includes DFI membership thru Dec.31, 2019)	10,700
Students (limited to 20)	4,500
Spouses	2,500
Authors (single concession, one author per one paper)	7,500

Two-day Conference Only	INR*
DFI Member	6,500
IGS Member	7,000
Nonmembers (includes DFI membership thru 2018)	8,700
Students (limited to 50)	3,500
Spouses	2,500
Authors (single concession, one author per one paper)	5,500

Exhibitor Info and Fees

The exhibit fee includes a stall, two conference attendees, one table, two chairs, two electrical outlets and the benefit of including one brochure in attendee bags. All other personnel must register separately to attend the conference and workshop.

Exhibition Stalls (3m x 3m)	INR*
DFI Corporate Member Company	75,000
Non-Member Company	100,000
Exhibition Stalls (2m x 2m)	
DFI Corporate Member Company	50,000
Non-Member Company	75,000

Join Current Exhibitors

- AECOM
- ESC (China) Co. Ltd
- Geo Dynamics
- Harii Infra Services
- Heritage Infraspaces India Pvt. Ltd.
- Keller Ground Engineering India Pvt. Ltd.
- Larsen & Toubro Construction
- Liebherr India Private Limited
- Panasia Project Consultancy Pvt. Ltd.
- PRD Rigs India Pvt. Ltd.
- Sugam Infrastructure Limited

Thursday, November 15, 2018: Pre-Conference Workshop Program

Ground Improvement Techniques - Column Supported Embankments and Soil Mixing Workshop

Consider adding the one-day workshop to your conference registration and maximize your opportunities for additional education, networking with industry colleagues, and more.

- 8:30 - 9:00 a.m. Registration
- 9:00 - 9:15 a.m. *Introductions and Course Outcomes*
Mary Ellen Large, P.E., D.GE, Deep Foundations Institute
- 9:15 - 10:30 a.m. *Introduction to Ground Improvement Technologies*
Antonio Marinucci, Ph.D., P.E., MBA
- 10:30 - 11:00 a.m. Networking Break
- 11:00 - 12:30 p.m. *Column Supported Embankments*
Jim Collin, Ph.D., P.E., The Collin Group
- 12:30 - 1:30 p.m. Networking Lunch
- 1:30 - 3:00 p.m. *Deep Mixing and Mass Stabilization*
Silas Nichols, P.E., Slohcin Solutions
- 3:00 - 3:30 p.m. Networking Break
- 3:30 - 5:00 p.m. *Procurement and Risk Management*
All Speakers
- 5:00 - 5:30 p.m. GeoTechTools
- 5:30 - 6:00 p.m. Questions/Answers/Panel Discussion

Friday, November 16, 2018: Conference Day 1

- 8:00 - 9:00 a.m. Registration, Refreshments, Exhibition and Networking
- 9:00 - 9:30 a.m. Inauguration Ceremony
- SESSION 1: Deep Foundations in Infrastructure Projects - An Owners Perspective**
- 9:30 - 10:00 a.m. **Keynote:**
Indian Perspective on Contractual Issues
- 10:00 - 10:30 a.m. **Keynote:** *An Owners Perspective in Managing Ground and Foundation Related Risks*
- 10:30 - 10:50 a.m. Guest Presentation: *Women in Engineering*
- 10:50 - 11:00 a.m. Guest Presentation: *Women in Deep Foundations Initiative in India*
- 11:00 - 11:30 a.m. Morning Break
Networking, Refreshments & Exhibition
- 11:30 - 12:00 p.m. **Keynote:** *Risk Assessment and Design of a New Developed Slope Stabilization*
- 1:10 - 2:00 p.m. Networking Lunch
- SESSION 2: Best Practices and New Technology Initiatives**
- 2:00 - 2:30 p.m. **Keynote:**
Geotechnical Failures in Railway Projects
- 2:30 - 3:00 p.m. **Keynote:**
Lessons Learned from Geotechnical Failures

- 4:05 - 4:30 p.m. Afternoon Break
Networking, Refreshments & Exhibition
- 4:30 - 5:15 p.m. **Session 2 - Parallel A:**
Best Practices and New Technology Initiatives
Parallel B: *Ground Improvement, Piling and Deep Excavation and Support Technologies*
- 5:30 - 6:45 p.m. **Panel Discussion:** *Possible Solutions for Handling Issues in Geotechnical/ Foundation Scope of Major Infrastructure/Building Projects*
- 7:15 - 9:15 p.m. Cultural Evening and Banquet Dinner

Saturday, November 17, 2018: Conference Day 2

- 8:00 - 9:00 a.m. Registration, Refreshments, Exhibition and Networking
- SESSION 3: Geotechnical Investigation, Testing, Contractual and Reporting Requirements**
- 9:00 - 9:30 a.m. **Keynote:** *Understanding Risk in Geotechnical Site Characterization*
- 9:30 - 10:00 a.m. **Keynote:** *Communicating Objectives and Risk Among Project Shareholders*
- 10:45 - 11:15 a.m. Morning Break
Networking, Refreshments & Exhibition
- 11:15 - 12:15 p.m. **Session 3 - Parallel A:** *Deep Foundations in Infrastructure Projects - An Owners Perspective*
Parallel B: *Ground Improvement, Piling and Deep Excavation and Support Technologies*
- 12:15 - 1:15 p.m. Networking Lunch
- SESSION 4: Ground Improvement, Piling and Deep Excavation and Support Technologies**
- 1:15 - 1:45 p.m. **Keynote:** *Densification of Loose Sand Below a Large ECRD Dam*
- 3:15 - 3:45 p.m. Afternoon Break
Networking, Refreshments & Exhibition
- 3:45 - 5:00 p.m. **Session 4 - Parallel A:** *Ground Improvement, Piling and Deep Excavation and Support Technologies*
Parallel B: *Piling and Deep Excavation and Support Technologies*
- 5:00 - 5:10 p.m. Closing Remarks

*Conference Schedule and Technical Program Subject to Change

Professional Development Hours (PDHs)

Delegates will receive a certificate verifying 6.75 hours of professional development for the one-day workshop and 13 hours for the two-day conference.



Vivek P. Kapadia



Conrad W. Felice



Rolf Katzenbach



Subodh Jain



James G. Collin



Silas Nichols



Antonio Marinucci



G.V. Ramana

Keynote Speakers

Keynote India - Indian Perspective on Contractual Issues

Vivek P. Kapadia, Supply and Kalpasar Department, Government of Gujarat

Friday, November 16, 9:30 - 10:00 a.m.

Keynote International - An Owners Perspective in Managing Ground and Foundation Related Risks

Conrad W. Felice, Ph.D., P.E., D. GE, and F. ASCE, C. W. Felice, LLC

Friday, November 16, 10:00 - 10:30 a.m.

Keynote International - Risk Assessment and Design of a New Developed Slope Stabilization

Prof. Dr.-Ing. Rolf Katzenbach, Technische Universität Darmstadt, Germany

Friday, November 16, 11:30 a.m. - 12:00 p.m.

Keynote India - Geotechnical Failures in Railway Projects

Subodh Jain, Railway and Railway Board, Ministry of Railways

Friday, November 16, 2:00 - 2:30 p.m.

Keynote International - Lessons Learned from Geotechnical Failures

James G. Collin, Ph.D., P.E., D. GE, The Collin Group, Ltd

Friday, November 16, 2:30 - 3:00 p.m.

Keynote International - Understanding Risk in Geotechnical Site Characterization

Silas Nichols, P.E., Slohcin Solutions, LLC | USA

Saturday, November 17, 9:00 - 9:30 a.m.

Keynote International - Communicating Objectives and Risk Among Project Shareholders

Antonio Marinucci, Ph.D., MBA, P.E., M. ASCE,

V2C Strategists LLC | Brooklyn, NY USA

Saturday, November 17, 9:30 - 10:00 a.m.

Keynote India - Densification of Loose Sand Below a Large ECRD Dam

Dr. G.V. Ramana, IIT Delhi

Saturday, November 17, 1:30 - 2:00 p.m.

Panel Discussion

Possible Solutions for Handling Issues in Geotechnical/Foundation Scope of Major Infrastructure/Building Projects

Friday, November 16, 5:30 - 6:45 p.m.

Delegates will have an opportunity to hear presentations and participate in a discussion on

- How the deep foundation industry is expected to evolve during India's continued development?
- What new technologies are needed?
- What skills should be acquired to advance productivity/performance of geotechnical works?
- What is to be done collectively in adaptation of new technologies and skill development programs?

Panelists include:

Presenter and Moderator – G. Venkata Prasad, Director of Operations, DFII

Dr. K.S. Ramakrishna, Chairman, DFII

Owner – Rajeev N. Dwivedi, Director Projects, CMRL

Major Contractor – S.V. Desai, Executive Vice President and Head of Heavy Civil Infrastructure, L&T Ltd.

Specialized Contractor – Manish Kumar, Senior Vice President, ITD Cementation India Ltd.

Academic – Professor Shailesh Gandhi, Director, SVNIT, Surat

Equipment Manufacturer representative – Manfred Schoepf, Marketing Director, BAUER Maschinen GmbH

Government Organization – K. Bikshapati, Director General, National Academy of Construction

New WiDF Initiative

A Women in Deep Foundations (WiDF) Committee initiative is being started at this year's DFI-India Conference. Anjana Kadakia, P.E., senior principal and Mumbai office director of Thornton Tomasetti, is presenting a lecture on women in engineering in India, on Friday, November 16 at 10:30 a.m.



DFI WiDF representatives Lucky Nagarajan, P.E., of Skyline Steel and Mary Ellen Large, P.E., D. GE, DFI Director of Technical Activities, will provide an introduction to DFI's WiDF Committee efforts and meeting with attendees to discuss India-specific WiDF activities.

Current Sponsors

Platinum: Keller Ground Engineering India Pvt. Ltd.

Gold: AECOM

Heritage Infraspace India Pvt. Ltd.

Larsen & Toubro Construction

PRD Rigs India Pvt. Ltd.

Silver: AFCONS Infrastructure Limited

ITD Cementation India Ltd.

Become a DFI Corporate Member

Join at www.dfi-india.org at the appropriate class level and your membership will be valid through Dec. 31, 2019. Joining now also allows you to register for an exhibit stand at the discounted member rate plus receive discounts at events worldwide.

DFI of India Headquarters

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