

International Conference on Deep Foundations and Ground Improvement

Urbanization and Infrastructure
Development: Future Challenges

June 6-8, 2018 | Rome, Italy



Presentation

Deep Foundations Institute (DFI), a global association comprised of professionals and companies involved in the design and construction of geotechnical projects, and European Federation of Foundation Contractors (EFFC), representing the European specialist contracting community, are both committed to improving quality, safety, innovation, durability, sustainability and standards of technical competence.

Conference introduction - Call for abstracts

Due to a large demands on urban infrastructure the construction industry is forced to find new modern solutions, to obey short execution times and to accept constantly evolving procurement rules, supported by a strong and rapid evolution of technologies applied to equipment, tools, instrumentation and materials used by our industry for the installation of deep foundations/excavation and ground treatment/improvement methods.

International public and private clients are invited to present their upcoming programs for development of new infrastructure. Researchers and designers are warmly invited to contribute and debate design and modeling criteria for new and innovative technologies. Presentations related to variations in national and international codes (including Eurocode), new investigation methods, Project Management Information System (PMIS) and building information modeling (BIM) implementation, are particularly welcomed. Contractors are invited to discuss case histories that highlight how these procedures impact contractual rules, construction risk, execution procedures, quality control and final acceptance criteria. Geotechnical equipment and material manufacturers as well as technology providers are invited to present advancements and trends in capabilities, safety, sustainability, and environmental compliance. Young researchers are encouraged to submit for consideration summaries of their PhD and MSc final reports that are related to the conference theme.

Topics of Interest

- Deep Foundation Technologies
- Ground Improvement Technologies
- Modeling & Computing for New Techniques
- Project Management Information System (PMIS)
- Building Information Modeling
- Equipment and Material Advancements
- Contractual Rules
- Construction Risk
- Case Histories including Lessons Learned
- Innovative Solutions for Complex Problems
- Harmonization of National & International Codes
- Geotechnical Investigation & Testing

Abstracts for technical papers and panel sessions can be submitted at www.dfi-effc2018.org, no later than **Monday, July 17, 2017**. All accepted papers will be published in the Conference Proceedings, and select papers will be presented orally by the author during the appropriate technical session. Proposals for client presentations on mega infrastructure projects and their geotechnical challenges are welcomed and encouraged.