



## CALL FOR ABSTRACTS FOR TECHNICAL PAPERS AND PANEL SESSIONS

**ABSTRACT PORTAL OPENS: OCTOBER 23, 2018**

**ABSTRACT DEADLINE: DECEMBER 14, 2018**

We cordially invite you to submit abstracts for original technical papers and panel sessions for the DFI 44<sup>th</sup> Annual Conference on Deep Foundations, which will be held October 15-18, 2019, at the Hilton Chicago in Chicago, Illinois. The theme, > Future > Forward > has been selected by the Technical Program Committee and will be promoted under the social media hashtag #DFI44.

This conference will be a call to action to develop forward-thinking plans in geotechnical engineering through technical presentations and panel discussions. The 2019 Conference will provide an international forum for a wide range of geo-professionals to present, discuss, and debate all aspects of how we build on our current success to create and maintain a better tomorrow for us and future generations. A session will be dedicated to the DFI Legends program to recognize practitioners who have made significant contributions to and advancements in the research, design, construction, manufacturing and use of deep foundations.

The abstract portal will open on Wednesday, October 23, 2018. Abstracts for technical papers and panel sessions can be submitted at [www.dfi.org/annual2019](http://www.dfi.org/annual2019), no later than Friday, December 14, 2018. 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 panel sessions are welcomed and encouraged. Please describe the panel topic and list the proposed speakers in the abstract.

Deadline Date	Description
<b>December 14, 2018</b>	<b>Abstract Deadline:</b> Interested Authors submit an Abstract of not more than 300 words online at <a href="http://www.dfi.org/annual2019">www.dfi.org/annual2019</a> . Details and submission forms are available through the website. Incomplete submissions will not be considered.
<b>January 18, 2019</b>	<b>Abstract Acceptance:</b> DFI notifies authors of their acceptance status. If selected, an original technical paper will be required.
<b>April 5, 2019</b>	<b>Draft Paper and Panel Discussion Outline Deadline:</b> If accepted, Authors submit Draft Papers (10-page limit). For accepted panel discussions, Authors submit a proposed panel session outline (including list of potential speakers). Paper format guidelines are available on the Submission Website <a href="http://www.dfi.org/annual2019">www.dfi.org/annual2019</a> .
<b>June 24, 2019</b>	<b>Paper Review Comments and Decisions:</b> DFI notifies Authors of decision on presentation status and returns paper review comments for paper revisions.
<b>July 19, 2019</b>	<b>Revised/Final Paper Deadline:</b> Authors submit revised papers and panel discussion outlines for re-review and finalization.
<b>August 6, 2019</b>	<b>Final Acceptance:</b> Authors notified of final paper and presentation acceptance status.
<b>September 13, 2019</b>	<b>Final PowerPoint Presentation Deadline:</b> Authors (verbal presentations and panel discussions) submit final PowerPoint presentations (guidelines will be provided).

**Conference Chair:** Dhooli Raj, P.E.

**Program Co-Chairs:** Ray Franz, P.E., D.GE and Cassandra J. Rutherford, Ph.D., P.E.

**For technical questions, contact:** Mary Ellen Bruce Large, P.E., D.GE | DFI Director of Technical Activities  
[melarge@dfi.org](mailto:melarge@dfi.org)

Abstracts for papers are requested for traditional geotechnical topics with a focus on a safe and sustainable future with respect to technology, safety, equipment, workforce and case studies including the following and similar topics.

- Crawl, Walk, Run: Improving Future Practice
  - Adapting academic and industry research to routine practice
  - Case studies with lessons learned component
  - Observational method - The Chicago Legacy
- Developments in Safe Geo-Construction
  - Safe practices and improved productivity
  - Evaluation and Design of Working Platforms
  - Risk allocation and mitigation
  - Geohazards
  - Effective communication
  - Managing Litigation
- The Digital Future
  - Exploring the future of Project Information Management Systems
  - Big Data: What can we learn?
  - BIM and Virtual Reality
  - Future Proof: Testing and Monitoring in the 21<sup>st</sup> Century
  - Adaptive Modelling and Management
- Efficient Deep Foundations, Earth Retention Systems and Ground Improvement
  - Conscientious and methodical approaches for future foundations
  - The next generation of Ground Improvement
  - Performance based design
  - Applications for advanced materials
- The Future of Urban Development/Redevelopment
  - Evaluation and re-use of existing foundations
  - Geophysical testing to identify existing structures
  - Installation in restricted and limited access areas
  - Noise, vibrations, other environmental impacts to surrounding communities
  - Use of energy foundations in Urban environment
- The Future of Work: Progress in Our Industry
  - Equipment Progress
    - Compressed Air Caisson > Hand Dug > Mechanical Digging > Air Tools > What's Next?
    - Steam > Diesel > Hydraulic > What's Next?
  - The Future Workforce
    - Worker Skill Sets: Leveraging field experience with cutting edge technology
    - Worker Training
  - Future Reality: Robots and Drones
  - Shaping Future Practice Through University Programs
- 21st Century Infrastructure Needs
  - Geotechnical support for increasing demands on people-moving, resource-moving, freight-moving at the local practice level; exporting to global applications.
  - Renewable energy solutions
- Other Topics in Deep Foundations