

## SuperPile '20 | Pre-Conference Schedule\* | Wednesday, June 3

7:30 a.m. - 5:00 p.m.	<b>Impact Testing for Site Characterization Including Liquefaction Assessment</b>   Gateway Ballroom 2
8:00 a.m. - 1:00 p.m.	<b>DFI Executive Committee Meeting and Lunch</b> Grand Suites I & II
1:30 p.m. - 6:00 p.m.	<b>DFI Technical Committee Meetings</b> 2 <sup>nd</sup> Floor Meeting Rooms. See schedule at right.
3:00 p.m. - 6:00 p.m.	<b>Conference Registration</b>   Grand Foyer
4:00 p.m. - 8:00 p.m.	<b>Exhibitor Set-Up</b>   Grand Ballroom C-G
6:30 p.m. - 8:00 p.m.	<b>DFI WiDF Networking Reception</b> Tin Roof St. Louis ( <i>off-site, ticketed event</i> )

## Technical Committee Meeting Schedule\*

	All Meetings on the 2 <sup>nd</sup> Floor
1:00 p.m. - 2:00 p.m.	Electric Power Systems Foundations   Gateway I Seismic and Lateral Loads   Gateway V Working Platforms Industry-Wide Working Group   Salon A
2:30 p.m. - 3:30 p.m.	ACIP and DD Piles   Gateway I Driven Piles   Gateway V
2:30 p.m. - 4:00 p.m.	Helical Piles and Tiebacks   Salon A
4:00p.m. - 5:00 p.m.	Marine Foundations   Gateway I Micropiles   Gateway V
5:00 p.m. - 6:00 p.m.	Drilled Shafts   Salon A

*Light refreshments will be served.*

## Conference Schedule\* | Day One | Thursday, June 4

*All functions take place on the Convention Level, 2<sup>nd</sup> Floor*

7:30 a.m. - 5:10 p.m.	<b>Conference Registration</b>   Grand Foyer
7:30 a.m. - 8:30 a.m.	<b>Networking Breakfast and Exhibition</b>   Grand Ballroom C-G
7:30 a.m. - 8:20 a.m.	<b>Moderator &amp; Speaker Technical Rehearsal</b>   Arch View Ballroom
8:30 a.m. - 5:10 p.m.	<b>Plenary Sessions</b>   Arch View Ballroom
8:30 a.m. - 8:45 a.m.	<b>Conference Welcome and Introductions</b>   <i>Theresa Engler, Executive Director   Deep Foundations Institute (DFI)</i> <b>DFI Presidents Award Presentation</b>   <i>Matthew Conte, CPC   The Conte Company</i> <i>Matthew Janes, P.Eng., M.E.Sc., MBA, DFI President   Isherwood Associates</i>
8:45 a.m. - 10:15 a.m.	<b>Opening Plenary Session</b>   Arch View Ballroom   <i>Moderator: Lyle Simonton, P.E., LEED® AP   Subsurface Constructors, Inc.</i>
8:45 a.m. - 9:45 a.m.	<b>Building the Eads Bridge: Pioneering Deep Foundations in the Mississippi River</b>   <i>Paul Giroux, Dist.M.ASCE   Kiewit Infrastructure</i>
9:45 a.m. - 10:15 a.m.	<b>The Ballpark Village Development Deep Foundation System – Design Build at Its Best</b> <i>Eric Risberg and Kyle Carmody   Goettle</i>
10:15 a.m. - 10:45 a.m.	<b>Networking Break and Exhibition</b>   Grand Ballroom C-G
10:45 a.m. - 12:30 p.m.	<b>Plenary Session 2 – WEBINAR</b>   Arch View Ballroom <i>Moderator: Paul Axtell, P.E., D.GE   Dan Brown and Associates, PC</i>
10:45 a.m. - 11:20 a.m.	<b>Introduction of Osterberg Memorial Lecture</b>   <i>Representative from Loadtest</i> <b>Osterberg Memorial Lecture   Title to be Announced</b> <i>Erik Loehr, Ph.D., P.E.   University of Missouri</i>
11:20 a.m. - 11:30 a.m.	<b>DFI Women in Deep Foundations Committee - New Video Release</b>   <i>Helen Robinson, P.E., D. GE   GEI Consultants, Inc.</i>
11:30 a.m. - 12:30 p.m.	<b>Panel Discussion: Geotechnical Baseline Reports</b> <i>DFI Subsurface Characterization Committee</i> <i>Moderator: James A. Morrison, P.E., P.Eng   COWI North America, Inc.; Lead Panelist: Randy Essex   Mott MacDonald</i> <i>Panelists: Richard Kalson, Esq.   Benesch, Friedlander, Coplan &amp; Aronoff LLP; Jeremy Decker   Kiewit Infrastructure;</i> <i>Victor Donald, P.E.   Terracon; Conrad Felice, Ph.D., P.E., P.Eng., D. GE., F.ASCE   C.W. Felice, LLC</i>
12:30 p.m. - 1:30 p.m.	<b>Networking Luncheon</b>   Gateway Ballroom 2-5
1:30 p.m. - 3:00 p.m.	<b>Plenary Session 3</b>   Arch View Ballroom   <i>Moderator: Paul Axtell, P.E., D.GE   Dan Brown and Associates, PC</i>
1:30 p.m. - 2:00 p.m.	<b>Case Study: Design and Installation of Large Diameter Open-Ended Pipe Piles for DOT Project: Lessons Learned</b> <i>Tom Casey, P.E.   SCI Engineering, Inc.</i>
2:00 p.m. - 2:30 p.m.	<b>The Incremental Rigidity Method - More-Direct Conversion of Strain to Internal Force in an Instrumented Static Loading Test</b> <i>Van Komurka, P.E., D.GE, F. ASCE   GRL Engineers</i>
2:30 p.m. - 3:00 p.m.	<b>Pipe Piles in Plastic Soils: Effect of Installation Activities on Side Resistance</b>   <i>Bryan Kumm, P.E.   HDR. Inc.</i>
3:00 p.m. - 3:30 p.m.	<b>Networking Break and Exhibition</b>   Grand Ballroom C-G
3:30 p.m. - 5:10 p.m.	<b>Plenary Session 4</b>   Arch View Ballroom   <i>Moderators: Matt Glisson, P.E.   Braun Intertec; Jeff Fouse P.E.   Reitz &amp; Jens, Inc.</i>
3:30 p.m. - 4:00 p.m.	<b>Testing of Existing Foundations as Part of Inner-City Redevelopment Projects</b>   <i>Marcel Bielefeld   Allnamics</i>
4:00 p.m. - 4:30 p.m.	<b>Micropiles for Permanent Support Applications in Sedimentary Formations</b>   <i>Jesus Gomez, Ph.D., P.E., D.GE   GEI Consultants, Inc.</i>
4:30 p.m. - 5:00 p.m.	<b>SuperPile(s)? Chain of Rocks Foundation Mitigation</b>   <i>Paul Axtell, P.E., D.GE   Dan Brown and Associates, PC</i>
5:00 p.m. - 5:10 p.m.	<b>Board Certification Geotechnical Engineers (D.GE) and Closing Remarks</b> <i>Theresa Engler, Executive Director   Deep Foundations Institute (DFI)</i>
5:15 p.m. - 7:15 p.m.	<b>Conference Welcome Reception and Exhibition</b>   Grand Ballroom C-G

**Manufacturer, Supplier, Service Provider (MSSP) Business Session planned for Thursday afternoon!**

*\*Subject to Change*

# Conference Schedule\* | Day Two | Parallel Sessions | Friday, June 5

All functions take place on the Convention Level, 2<sup>nd</sup> Floor

7:30 a.m. - 5:15 p.m. 7:30 a.m. - 8:30 a.m.	<b>Conference Registration</b>   Grand Foyer <b>Networking Breakfast and Exhibition</b>   Grand Ballroom C-G and Moderator & Speaker Technical Rehearsal   Meet at Your Respective Podiums.	
8:30 a.m. - 10:30 a.m.	<b>Parallel Track A</b>   Arch View Ballroom <b>Track A   Session 1: Driven Piles</b> <i>Moderators: Pollyanna Cunningham   ICE® - International Construction Equipment Inc.; AJ Metz, P.E.   GEI Consultants, Inc.</i>	<b>Parallel Track B</b>   Grand Ballroom, Salon A <b>Track B   Session 1: Anchors and Micropiles</b> <i>Moderators: Steve Davidow, P.E., S.E., P.Eng.   Quanta Subsurface; Peter Speier, P.E.   Williams Form Engineering Corp.</i>
8:40 a.m. - 9:00 a.m.	TBA	<b>Installing and Testing Multi-Bar High Capacity Rock Tiedowns</b> <i>Steven Lowe, P.E.   Mueser Rutledge Consulting Engineers; David Sposito, P.E.   The Posillico Group</i>
9:00 a.m. - 9:20 a.m.	<b>Investigations of the Bearing Behaviour of Driven Ductile Piles: Pile Load Tests and Development of an Empirical Database for the Pile Capacity</b> <i>Johannes Berndt and Oliver Reul, Prof. Dr-Ing.   University of Kassel</i>	<b>Transmission Line Foundation Design Using Inclined Earth Anchors</b> <i>Andrew Canopy, P.E., PLS   Hanson Professional Services Inc.; Darren Ratliff, P.E.   Ameren</i>
9:20 a.m. - 9:40 a.m.	<b>Drilled Shaft Risk Mitigation through Pre-Emptive Collaboration and Strategy</b>   Dan Brown, Ph.D., P.E., D.GE   Dan Brown and Associates, PC	<b>Expander Body Piles Re-Support Structure</b> <i>Tony Barila, P.E. and John McKinnon   Hub Foundation Co., Inc.</i>
9:40 a.m. - 10:00 a.m.	<b>Grouped Pipe Pile Foundations for Massive Tidal Barrage Structure Anchored to Granite Layer</b>   Takefumi Takuma and Masashi Nagano   Giken America Corporation	<b>Fusion Bonded Epoxy Coating Study for Anchor Reinforcement</b> <i>Peter Speier, P.E.   Williams Form Engineering Corp.</i>
10:00 a.m. - 10:20 a.m.	<b>Luxury Living on the Beach in Coney Island, Brooklyn: An Engineer's Solution to Make Developer's Dream a Reality</b> <i>Anastasios Papatthanasious, P.E. and Miguel Matos, P.E.   Langan</i>	<b>Stabilization of the Historic Morton Street Bulkhead</b> <i>Roderic Ellman, P.E. and Dominic D'Argenzio, P.E.   Mueser Rutledge Consulting Engineers</i>
10:20 a.m. - 10:30 a.m.	Session Wrap-Up and Open Discussion	Session Wrap-Up and Open Discussion
10:30 a.m. - 11:00 a.m.	<b>Networking Break and Exhibition</b>   Grand Ballroom C-G	
11:00 a.m. - 12:30 p.m.	<b>Track A   Session 2: Drilled Shafts and Augered Cast-in-Place Piles</b> <i>Moderators: Jonathan Huff, P.E.   Goettle; Timothy Siegel, P.E., G.E., D.GE   Dan Brown and Associates, PC</i>	<b>Track B   Session 2: Helical Piles</b> <i>Moderators: Mark Bryant, EIT   Maclean Power Systems Civil Products Group; Gary Seider, P.E.   Hubbell Power Systems, Inc.   CHANCE®</i>
11:00 a.m. - 11:20 a.m.	<b>Impact of Heave on Permanently Cased Drilled Shaft Axial Capacity in Sand</b>   Glen Bellew, P.E.   USACE-Kansas City District	TBA
11:20 a.m. - 11:40 a.m.	<b>A Balancing Act – Where to Place the Bi-Directional Load Cell</b> <i>Christophe Locussol, P.E. and Giovanni Bonita, Ph.D., P.E., P.G. GEI Consultants, Inc.</i>	<b>High-Capacity Pressure-Grouted Helical Displacement Piles in Urban Redevelopment</b>   Karen Dawson, P.E.   Jacobs; Tasos Papatthanasious, P.E.   Langan
11:40 a.m. - Noon	<b>Using Thermal Integrity Profiling (TIP) to Monitor Shaft Cooling System for Large Diameter Drilled Shafts</b> <i>David Schoen, P.E. and Gregory Canivan, P.E.   S&amp;ME, Inc.</i>	<b>Geotechnical Profiling with Cone Penetrometer Testing - A Saving Grace</b>   Justin Toney, P.E.   Quanta Subsurface
Noon - 12:20 p.m.	<b>Reducing Risk and Conservatism in Drilled Shaft Design: A Case Study</b> <i>Justin Toney, P.E.   Quanta Subsurface</i>	<b>Helical Pile Capacity-Torque Correlation: A More Reliable Capacity Torque Factor Based on Full Scale Load Tests</b> <i>Moncef Souissi, Ph.D.   Cantsink</i>
12:20 p.m. - 12:30 p.m.	Session Wrap-Up and Open Discussion	Session Wrap-Up and Open Discussion
12:30 p.m. - 1:30 p.m.	<b>Networking Luncheon</b>   Gateway Ballroom 2-5	
1:30 p.m. - 3:00 p.m.	<b>Track A   Session 3: Driven Piles</b> <i>Moderators: Roderic Ellman, P.E.   Mueser Rutledge Consulting Engineers; Kwabena Ofori-Awuah, P.E., ENV-SP   Koforia Inc.</i>	<b>Track B   Session 3: Drilled Shafts</b> <i>Moderators: Peggy Hagerly Duffy, P.E., D.GE.   Hagerly Engineering/ADSC; Paul Axtell, P.E., D.GE   Dan Brown and Associates, PC</i>
1:30 p.m. - 1:50 p.m.	<b>A Feasibility Study of Using Battered Piles for Bridge Abutment When Downdrag is Present</b>   Shafiq Siddiqui, Ph.D., P.E.; Madan Neupane, Ph.D., P.E.   Gannett Fleming, Inc.	<b>Bi-directional Load Testing of a Load Bearing Element Using an Elliptically Shaped Super Cell</b>   Antonio Marinucci, Ph.D., P.E., MBA   V2C Strategists LLC and Robin Mao   Ougan Group
1:50 p.m. - 2:10 p.m.	<b>Strength Gain Trends of Large Diameter Open-End Pipe Piles in Cooper Marl</b>   Gregory Canivan, P.E. and David Schoen, P.E.   S&ME, Inc.	<b>Lesson Learned from Dynamic Load Testing in Challenging Conditions</b>   Thai Nguyen, Ph.D., P.E. and David Rancman, P.E. H2R Corporation
2:10 p.m. - 2:30 p.m.	<b>Design and Installation of 48-inch Open-Ended Driven Piles for the New Champ Clark Bridge Over the Mississippi River</b> <i>Donald Hammond, P.E.   HNTB</i>	<b>Circular Secant Pile Access Shafts for the Ohio River Tunnel Project</b> <i>Stan Worst, P.E.   Schnabel Foundation Company</i>
2:30 p.m. - 2:50 p.m.	<b>Design Challenges of Foundations for Coastal Cantilevered Highway Signs Under High Wind Loads</b>   Miguel Pando, Ph.D., P.Eng. Drexel University; Carlos Rodriguez   University of North Carolina, Charlotte	<b>CPT-Based Design Method for Axial Capacity of Drilled Shafts</b> <i>Le Doan   Tonkin and Taylor Ltd; Barry Lehane, Ph.D.   The University of Western Australia</i>
2:50 p.m. - 3:00 p.m.	Session Wrap-Up and Open Discussion	Session Wrap-Up and Open Discussion
<b>3:00 p.m. - 3:30 p.m.: Networking Break and Exhibition</b>   Grand Ballroom C-G   <b>3:30 p.m. - 5:00 p.m.: Exhibitor Break-Down</b>   Grand Ballroom C-G <b>3:30 p.m. - 5:15 p.m.: All Attendees Reconvene in the Arch View Ballroom for Closing Plenary</b>		
3:30 p.m. - 5:15 p.m.	<b>Closing Plenary</b>   Arch View Ballroom   <i>Moderator: Gerald Verbeek   Allnamics Pile Testing Experts BV</i>	
3:30 p.m. - 5:00 p.m.	<b>Panel Discussion: Horses for Courses-Pile Testing</b>   Robert Simpson   Load Testing Consulting, Ltd.; Erik Loehr, Ph.D., P.E.   University of Missouri; Ryan Allin   Pile Dynamics; Marcel Bielefeld   Allnamics	
5:00 p.m. - 5:15 p.m.	<b>Closing Remarks</b>   Lyle Simonton, P.E., LEED® AP   Subsurface Constructors, Inc.	

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