

STGEC 2018 AGENDA

MONDAY, OCTOBER 8, 2018

10:00 a.m. - 10:00 p.m.	Registration
10:00 a.m. - 5:00 p.m.	Exhibitor Setup
6:00 p.m. - 9:00 p.m.	Opening Reception in Exhibit Hall

TUESDAY, OCTOBER 9, 2018

7:00 a.m. - 7:50 a.m.	Breakfast in Exhibit Hall
7:00 a.m. - 4:30 p.m.	Registration Desk Open
7:50 a.m. - 8:00 a.m.	Opening Announcements

SESSION 1

8:00 a.m. - 8:25 a.m.	Pg. 13	Andy Barber, KYTC - Welcome and Louisville-Southern Indiana Ohio River Bridges Project Overview
8:25 a.m. - 9:15 a.m.	Pg. 14	Keynote Speaker—Jerry DiMaggio, Applied Research Associates, Inc. Advancements in Geotechnical Engineering and Geo-Construction
9:15 a.m. - 9:40 a.m.	Pg. 15	Benjamin Rivers, FHWA—Advanced Geotechnical Exploration

9:45 a.m. - 10:15 a.m.

OPENING SESSION

Break in Exhibit Hall

SESSION 2

10:15 a.m. - 10:40 a.m.	Pg. 16	John Lynk, Vatten Geotechnical - CPT-WESS
10:40 a.m. - 11:05 a.m.	Pg. 17	Clint Ervin/Dennis Mitchell, AEI - KY Lock Exploration
11:05 a.m. - 11:30 a.m.	Pg. 18	Chris Jones, HDR - Durham-Orange Light Rail
11:30 a.m. - 11:55 a.m.	Pg. 19	Ashraf Elsayed, Geotechnology - I-240 Bridge Replacement

12:00 p.m. — 1:00 p.m.

SUBSURFACE EXPLORATION/CASE HISTORIES

Lunch in Exhibit Hall

SESSION 3

1:00 p.m. - 1:25 p.m.	Pg. 20	Darrin Beckett, KYTC - Herrington Lake Drilled Shafts
1:25 p.m. - 1:50 p.m.	Pg. 21	Austin Hart, KYTC - Lake Barkley Bridge Construction in Karst
1:50 p.m. - 2:15 p.m.	Pg. 22	Mike Batten, HDR - Deep Foundation Optimization
2:15 p.m. - 2:40 p.m.	Pg. 23	Silas Nichols, FHWA - Drilled Shaft Policy Changes

2:45 p.m. - 3:15 p.m.

DEEP FOUNDATION DESIGN AND CONSTRUCTION

Break in Exhibit Hall

STGEC 2018 AGENDA

TUESDAY, OCTOBER 9, 2018 (CONTINUED)

SESSION 4

SLOPES/EMBANKMENTS

3:15 p.m. - 3:40 p.m.	Pg. 24	Theresa Loux, AeroAggregates - Ultra-lightweight Foamed Glass Aggregate
3:40 p.m. - 4:05 p.m.	Pg. 25	Allen Cadden, Schnabel Engineering - Yeager Airport Wall
4:05 p.m. - 4:30 p.m.	Pg. 26	Steven Zhou, Visual Slope - Slope Remediation with Piles
4:30 p.m. - 4:55 p.m.	Pg. 27	Stephen Bartlett, Univ. of Utah - LDCC Seismic Design

WEDNESDAY, OCTOBER 10, 2018

7:00 a.m. - 8:00 a.m. Breakfast in Exhibit Hall

7:00 a.m. - 4:30 p.m. Registration Desk Open

SESSION 5

EARTH RETENTION

8:00 a.m. - 8:25 a.m.	Pg. 28	Stan Worst, Schnabel Foundation Co. - Secant Pile Access Shafts
8:25 a.m. - 8:50 a.m.	Pg. 29	Anand Govindasamy, Geocomp - MSE Wall Asset Management
8:50 a.m. - 9:15 a.m.	Pg. 30	Brad Armstrong, McMahon & Mann - Hollow Bar Soil Nail Wall
9:15 a.m. - 9:40 a.m.	Pg. 31	Nick Harman/Ani Carignan, SCDOT - LRFD Overall Stability

9:45 a.m. - 10:15 a.m. Break in Exhibit Hall

SESSION 6

PAVEMENTS/SUBGRADES

10:15 a.m. - 10:40 a.m.	Pg. 32	Doug Smith, Great Lakes Cement - Full Depth Reclamation
10:40 a.m. - 11:05 a.m.	Pg. 33	Jesse Rauser, LADOTD - Interstate Cracked Pavement
11:05 a.m. - 11:30 a.m.	Pg. 34	Rex Klentzman, Uretek - US 65 Emergency Pavement
11:30 a.m. - 11:55 a.m.	Pg. 35	Joe Harris, Hayward Baker - In-Place Subgrade Improvement

12:00 p.m. - 1:00 p.m. Lunch in Exhibit Hall

SESSION 7

SLOPES/EMBANKMENTS

1:00 p.m. - 1:25 p.m.	Pg. 36	Joe Hauber, Geotechnology - US 68 Bridge Abutment Settlement
1:25 p.m. - 1:50 p.m.	Pg. 37	Daryl Greer, KYTC - Treatment of End Bent Backfill
1:50 p.m. - 2:15 p.m.	Pg. 38	Marianna Ferrara, Maccaferri - High Strength Geogrids
2:15 p.m. - 2:40 p.m.	Pg. 39	Taylor Towle, Menard - Hybrid Ground Improvement

2:45 p.m. - 3:15 p.m. Break in Exhibit Hall

STGEC 2018 AGENDA

WEDNESDAY, OCTOBER 10, 2018 (CONTINUED)

SESSION 8

3:15 p.m. - 3:40 p.m. Pg. 40
3:40 p.m. - 4:05 p.m. Pg. 41
4:05 p.m. - 4:30 p.m. Pg. 42
4:30 p.m. - 4:55 p.m. Pg. 43

DEEP FOUNDATION TESTING

Vivek Samu, NCSU - Nondestructive Pile Length Evaluation
S. Sternberg/R. Thompson, Dan Brown & Assoc. - Mobile River Bridge
Jon Sinnreich, Load Test Consulting - Deep Foundation Test Results
A. Goly/S. Putcha, Smart Structures - Advanced Dynamic Test Methods

5:00 p.m. - 6:00 p.m.

Steering Committee Meeting

6:00 p.m. - 9:00 p.m.

Banquet

Speaker - John Dietrick, PE, SE, Michael Baker International
“An Overview of the Bridges to Prosperity Program”

THURSDAY, OCTOBER 11, 2018

7:00 a.m. - 8:00 a.m.

Breakfast in Meeting Room

7:00 a.m. - 10:30 a.m.

Registration Desk Open

SESSION 9

8:00 a.m. - 8:35 a.m. Pg. 44
8:35 a.m. - 9:10 a.m. Pg. 45
9:10 a.m. - 9:45 a.m. Pg. 46

LOUISVILLE-SOUTHERN INDIANA OHIO RIVER BRIDGES (LSIORB) PROJECT

Mark Litkenhus/Steve Bickel, Stantec - Geotech Aspects of LSIORB Project
Scott Zang, Michael Baker - Pier 3R Shaft Remediation
David Neil, Parsons - East End Tunnel

9:45 a.m. - 10:30 a.m.

Break

10:30 a.m. - 11:30 a.m.

Load Buses and Travel to Downtown

11:30 a.m. - 2:00 p.m.

Load Riverboat, Lunch, Tour Downtown Bridge

2:00 p.m. - 3:00 p.m.

Return to Hotel