



	Bridge Track	Construction Track
10/14/15 1:00PM to 2:30PM	<p><b>Accelerated Bridge Construction</b> Moderator: Michael Arens, P.E. Michael Baker International</p> <ol style="list-style-type: none"> <li>1) ABC – Slide-In Bridge Construction (SIBC) (Speaker: Michael Arens, P.E., Michael Baker International)</li> <li>2) ABC element in Tappan Zee Bridge Design Build Project (Speakers: Sreenath Kotamala, P.E., HDR; Tyler Brendlinger, E.I.T., HDR)</li> <li>3) Precast, Pretensioned Rectangular Bent Caps (Speaker: Christopher P. Miller, E.I.T., TxDOT)</li> </ol>	<p><b>Airport Construction</b> Moderator: Devon Tiner, P.E. Houston Airport System</p> <ol style="list-style-type: none"> <li>1) Overview and Comparison of Capital Improvement Plans from DFW, IAH, HOU, AUS, DAL, and SAT (Speaker: David McNamara, HNTB)</li> <li>2) Airport Facilities with Unique Characteristics that Warranted Innovative Design/Construction Solutions (Speaker: Joseph Sawmiller, Hatch Mott McDonald)</li> <li>3) TxDOT Aviation System Plan, Capital Program, and Projects Development and Implementation (Speaker: Kari Campbell, TxDOT; Greg Miller, C.M., TxDOT; Bijan T. Jamalabad, P.E., TxDOT)</li> </ol>
10/14/15 3:00PM to 4:30PM	<p><b>Bridge Security</b> Moderator: Shalva Marjanishvili, D.Sc., P.E., S.E., F.SEI Hinman Consulting Engineers</p> <ol style="list-style-type: none"> <li>1) Security Protocol in Texas (Speaker: Jamie Farris, P.E., TxDOT)</li> <li>2) International Bridge &amp; Border Bridge Security (Speaker: Michel Maksoud, Ph.D., P.E., Dannenbaum)</li> <li>3) Resilient Bridge Design to Extreme Loads (Speaker: Shalva Marjanishvili, D.Sc., P.E., S.E., F.SEI, Hinman Consulting Engineers)</li> </ol>	<p><b>Accelerated Construction</b> Moderator: Joe Roche, P.E. TxDOT</p> <ol style="list-style-type: none"> <li>1) Accelerated Construction Utilizing Prefabricated Elements (Speaker: Kevin R. Pruski, P.E., TxDOT)</li> <li>2) Contracting Methods (Speaker: FHWA)</li> <li>3) Precast Concrete Intersection (Speaker: Andy Naranjo, P.E., TxDOT)</li> </ol>



	Bridge Track	Construction Track
10/15/15 8:00AM to 9:30AM	<p><b>Bridge Inspection and Health Monitoring</b> Moderator: Bernie Carrasco, P.E. TxDOT</p> <ol style="list-style-type: none"> <li>1) TxDOT Bridge Inspection and Health Monitoring (Speaker: Bernie Carrasco, P.E., TxDOT)</li> <li>2) Pavement and Bridge Deck Evaluation Technology (Speaker: Stephen Clancy, Michael Baker International)</li> <li>3) High Resolution 3D Point Clouds for Structural Inspection and Analysis (Speaker, David Lattanzi, Ph.D., P.E., George Mason University)</li> </ol>	<p><b>Expert Panel Discussion: Construction Management and Inspection</b> Moderator: Roxana Garcia, P.E. TxDOT Expert Panel Discussion Format on the subject. Panelists: Amy C. Tootle, P.E., Florida DOT Maria P. Aponte, TxDOT Si Katara, Pavia Systems, Inc. Roxana Garcia, P.E., TxDOT</p>
10/15/15 10:00AM to 11:30AM	<p><b>Unique Loading on Bridges</b> Moderator: John Cleary, Ph.D., P.E. University of South Alabama</p> <ol style="list-style-type: none"> <li>1) Seismic Vulnerability of the Texas Bridge Infrastructure (Speaker: Wassim M. Ghannoum, Ph.D., University of Texas – Austin)</li> <li>2) Estimating Wave Loads on Bridge Decks (Speaker: John Cleary, Ph.D., P.E., University of South Alabama)</li> <li>3) Fire Load on Bridges (Speaker: Spencer Quiel, Ph.D., Lehigh University)</li> <li>4) Unique Subsurface Issues in Large Bridge Projects (Speaker: Sissy Nikolaou, Ph.D., P.E., Mueser Rutledge Consulting Engineers)</li> </ol>	<p><b>Technology Integration in Construction</b> Moderator: Stephen Clancy Michael Baker International</p> <ol style="list-style-type: none"> <li>1) Mobile LiDAR: Applications in Transportation (Speaker: Stephen Clancy, Michael Baker International)</li> <li>2) The use of Unmanned Aerial System (UAS) in Civil Engineering (Speaker: Terrence M. Browne, CEng, P.E., Collins Engineers, Inc.)</li> <li>3) Virtual Laydown of Girders (Speaker: Karl H. Frank, Ph.D., P.E., Hirschfeld Industries)</li> </ol>