

Forensics Engineering Conference
February 10-11, 2022
EN22004

Thursday, February 10, 2022				
TIME	SESSION	LECTURE TITLE	PRESENTER	COMPANY
8:00 AM - 9:00 AM	Session 1a:	The Forensics Mindset: <i>It's More Than Just Engineering</i>	Zachary Kates, P.E., LEED AP	Thornton Tomasetti
9:00 AM - 10:00 AM	Session 1b:	Pensacola Bridge Collapse	Juan Carlos Araiza, Ph.D., P.E.	EFI Global
10:00 AM - 10:20 AM Break				
10:20 AM - 11:20 AM	Session 2a:	Side Effects: <i>Performance and Pathology of Building Enclosures</i>	Michael Drerup, P.E., F. ASCE	Drerup Building Performance Engineering, PLLC
11:20 AM - 12:20 PM	Session 2b:	Stucco: <i>The Hottest and Worst Trend in Residential Litigation</i>	Brian Eubanks, M.S.C.E., P.E., D.F.E.	Paragon Structural Engineering
12:20 PM - 1:00 PM Lunch				
1:00 PM - 2:00 PM	Session 3a:	Tornadoes: <i>Engineering Research to Implementation - 2011 to Present</i>	Christine Standohar-Alfano, Ph.D. P.E., CCM	Haag Engineering Company
2:00 PM - 2:30 PM	Session 3b:	Metal Building Warehouse Failures	Norbert Delatte, Jr., P.E., Ph.D., F.ACI, F.ASCE	Oklahoma State University
2:30 PM - 3:00 PM	Session 3b:	Flashing of Curtain Wall and Storefront Systems in Commercial Applications	David Cannon, AIA, REWC	Nelson Forensics
3:00 PM - 3:20 PM Break				
3:20 PM - 4:20 PM	Session 4a:	Why is the Structure Not Behaving the Way Everyone Thought it Would?	John Bryant, Ph.D., P.G., P.E., CPG, D.GE	Bryant Consultants
4:20 PM - 5:20 PM	Session 4b:	3D Forensics: <i>Show & Tell</i>	Jim Wiethorn, Ph.D., P.E.	International Crane & Construction Safety Solutions, LLC
Friday, February 11, 2022				
8:00 AM - 9:00 AM	Session 5a:	Deflection Issues with a Two-Way Flat Plate Concrete Building	Aaron Larosche, Ph.D., P.E., SE	Pivot Engineers
9:00 AM - 10:00 AM	Session 5b:	Emergency Repair of the I-40 Hernando De Soto Bridge	Francesco Russo, Ph.D., P.E.	Russo Structural Services
10:00 AM - 10:20 AM Break				
10:20 AM - 11:20 AM	Session 6a:	Tropicana Garage Collapse	David Peraza, P.E.	Exponent
11:20 AM - 12:20 PM	Session 6b:	Cantilevered Canopy Collapses: <i>Have We Pushed the Envelope Too Far?</i>	Michael Lee, P.E.	Wiss, Janney, Elstner Associates, Inc.
12:20 PM - 1:00 PM Lunch				
1:00 PM - 2:00 PM	Session 7a:	Collapse of the Metro Rail in Mexico City	Sergio Alcocer, Ph.D.	National University of New Mexico (UNAM) / University of Texas at San Antonio (UTSA)
2:00 PM - 3:00 PM	Session 7b:	Project Delivery: <i>Reconstructing a Structural System When Build-Out is Nearly Complete</i>	Gordon Shepherd, P.E., RRC/Amy Patrick, P.E.	Appollo BBC
3:00 PM - 3:20 PM Break				
3:20 PM - 4:20 PM	Session 8a:	TBPELS Professional Practice and Ethics	Lance Kinney, Ph.D., PE	Texas Board of Professional Engineers and Land Surveyors