

## 2025 Forensics Engineering Conference: Buildings and Infrastructure

April 28-29, 2025 - EN25007

Agenda As Of January 22, 2025

Subject To Change

More Details Will Be Added in the Coming Weeks

Monday, April 28, 2025		
TIME	LECTURE TITLE	PRESENTER
8:00 AM - 8:15 AM	Welcome	Forensics Engineering Conference Steering Committee
8:15 AM - 9:00 AM	Honorary Presentation for Dr. David W. Fowler	
9:00 AM - 10:00 AM	Keynote Speaker	Robert Gilbert, Ph.D. Department Chair & Professor Maseeh Department of Civil, Architectural and Environmental Engineering Cockrell School of Engineering
10:00 AM - 10:15 AM	Break	
10:15 AM - 11:00 AM	Baltimore Bridge Collapse	Juan Carlos Araiza, Ph.D., PE Senior Vice President EFI Global, Inc.
11:00 AM - 12:00 PM	Explosions Cause and Origin	Mechanical Engineering perspective
12:00 PM - 1:15 PM	Lunch	
1:15 PM - 2:15 PM	Explosions Analysis and Extent	Structural Engineering perspective
2:15 PM - 2:30 PM	Break	
2:30 PM - 3:45 PM	Panel Discussion	
3:45 PM - 4:00 PM	Closing Remarks	Ryan Kalina, Ph.D., PE Forensics Engineering Conference Steering Committee Member
4:00 PM - 6:00 PM	Networking Event - Dr. David W. Fowler Career Stories	
Tuesday, April 29, 2025		
8:00 AM - 8:15 AM	Welcome	Forensics Engineering Conference Steering Committee
8:15 AM - 9:15 AM	Concrete Materials	
9:15 AM - 10:30 AM	Tilt Wall Failures	Randall "Randy" Bernhardt, PE, F.SEI, F.ASC Owner/Chief Civil/Structural Engineer Bernhardt Forensic Engineering LLC
10:30 AM - 10:45 AM	Break	
10:45 AM - 12:00 PM	Weather Data	Christine Standohar-Alfano, Ph.D., PE, CCM Principal Engineer and Meteorologist ICC Forensics, LLC
12:00 PM - 1:15 PM	Lunch	
1:15 PM - 2:30 PM	Panel Discussion	
2:30 PM - 2:45 PM	Break	
2:45 PM - 3:45 PM	Ethics	Matthew "Matt" Rechten General Counsel Walter P Moore
3:45 PM - 4:00 PM	Closing Remarks	Ryan Kalina, Ph.D., PE Forensics Engineering Conference Steering Committee Member

Forensics Engineering Conference Steering Committee
Juan Carlos Araiza, Ph.D., PE Senior Vice President EFI Global, Inc.
Ryan Kalina, Ph.D., PE Vice President Forensix Consulting Lecturer Cockrell School of Engineering
Kerry Lee Founder and President Forensix Consulting
Stewart Verhulst, MS, PE Senior Vice President Executive Technical Director Nelson Forensics
Jim D. Wiethorn, Ph.D., PE Founder & Chairman International Crane & Construction Safety Solutions, LLC