PROGRAM

OCT 29-30, 2020
VIRTUAL CONFERENCE
Thank you for attending the 2020 Structural Engineers Association of Texas (SEAoT) Virtual Conference. The SEAoT conference has become an annual tradition of learning and networking for engineers. Each year, this event rotates between our seven local chapters, resulting in a unique flavor for every conference. We realize many of our members rely on the annual conference to earn continuing education hours, learning about new technology, materials and applications, so, this year, we've decided to do things a little differently.

This year, we are excited to bring the 2020 conference to you virtually. The virtual conference will offer a combination of on-demand and live technical sessions geared toward helping our members earn their Professional Development Hours (PDHs). This event provides exciting networking opportunities to build relationships with other engineers across the state and the companies that support our profession. These opportunities include a live keynote session and panel, as well as 8 videos (8 hours) of valuable on-demand content, altogether totaling 10 professional development hours.

Our goal is to build on the technical and networking successes of our in-person conferences, and to continue to support tomorrow’s structural engineers through scholarships. This valuable conference wouldn't be possible without the contributions from our exhibitors and conference sponsors.

Sincerely,

Robert Nicholas, P.E.
President
Structural Engineers Association of Texas
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DAY 1 - PANEL SESSION

11:00 am  Welcome

11:10 am  Panel Session
Reimagining the Engineering Industry Post COVID-19

Panelists:

Paul J. Rielly, P.E., SECB
Halff Associates, Inc.

Peter Larson, P.E.
Wiss, Janney, Elstner Associates, Inc.

John Schwab, P.E.
Spannbeton, Inc.

11:55 am  Q&A Session

12:10 pm  Closing
DAY 2 - KEYNOTE

11:00 am  Welcome

11:10 am  Keynote Session

Understanding Structures:
Concrete Never Lies

Dr. Ramon Carrasquillo

Dr. Ramón Carrasquillo is the Founder and President of Carrasquillo Associates (CA). Ramón is recognized worldwide for his expertise in concrete materials, construction, and structural engineering. He has completed over 500 consulting assignments ranging from product developments, materials, and production of concrete to durability, specifications, construction practices, failure analyses, and repair and rehabilitation of existing structures.

Ramón was a professor and researcher at The University of Texas at Austin for 22 years. From 1992 to 1996, he was the Associate Director of the International Center for Aggregates Research. In addition, he was the Founder and President of Rainbow Materials, Inc., a ready mix concrete company which operated in the Central Texas market from 1994 until 2004. Ramón has published over 100 academic publications and reports and given over 400 technical presentations.

11:55 am  Q&A Session

12:10 pm  Closing
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RECORDED PDH

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Basics of Strut and Tie Modeling 1 PDH
Royce Floyd, Ph.D., P.E., Associate Professor

Architectural Exposed Concrete 1 PDH
Rob Kinchler, P.E. Greater Southwestern Region Manager for CRSI

Gusset Plates: The Evolution of Simplified Design Models 1 PDH
Bo Dowswell, P.E., Ph.D.

Large Scale 3D Printing: Concrete Construction Applications 1 PDH
Edel Arrieta, Ph.D.
With the purchase of your SEAOt Conference ticket, you have access to 8 hours of pre-recorded videos, to be viewed at your leisure.

**Best Practices for Expert Witness Testimony**  
Cara Kennemer  
1 PDH

**Wind and Storm Design for Mission Critical Projects**  
Brad Cheshire, P.E.  
1 PDH

**Bridge Repair Practice and Considerations**  
Brian D. Merrill, P.E.  
1 PDH

**Castings in Architecturally Exposed Structural Steel**  
Suzy Rajamoney, PE., Technical Sales Specialist, Cast Connex  
1 PDH
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