

**COLD-FORMED STEEL ENGINEERS INSTITUTE**  
**RALEIGH, NORTH CAROLINA**



MONDAY, MAY 19, 2025

2:00 p.m. – 4:00 p.m.	5:00 pm. – 6:00 p.m.
CFS - Tool Time Hand-On Demo	Welcome Reception

TUESDAY, MAY 20, 2025

Room	7:00 a.m. – 4:00 p.m.	7:00 a.m. – 8:30 a.m.	9:00 a.m. – 10:00 a.m.	10:00 a.m. – 10:15 a.m.	10:15 a.m. – 11:15 a.m.	11:30 a.m. – 12:45 p.m.	1:00 p.m. – 2:00 p.m.	2:00 p.m. – 2:15 p.m.	2:15 p.m. – 3:15 p.m.	3:15 p.m. – 3:30 p.m.	3:30 p.m. – 4:30 p.m.	5:30 p.m. – 9:00 p.m.
Room 1	Registration	Breakfast	<b>State of the Standards</b> Moderator: Jay Larson, P.E., Steel Framing Industry Association Panel: Patrick Ford, P.E., Steel Framing Industry Association Jon-Paul Cardin, P.E., Metal Building Manufacturers Association Christopher Raebel, P.E., American Institute of Steel Construction Thomas Sputo, P.E., Steel Deck Institute	Break	<b>Cold-Formed Steel Classroom: Flexural Member Design</b> Reinhold Schuster, Ph.D., P.Eng., S.E., University of Waterloo Roger LaBoube, Ph.D., P.E., Cold-Formed Steel Engineers Institute	Lunch: Annual Meeting & Awards	<b>Roll Forming Process: Hidden Insights for Better Engineering Design</b> Dr Hari Magarabooshanam, Scottsdale Construction System Mahsa Mahdavian, Scottsdale Construction System	Break	<b>Mixed Reality Technology in Steel Construction and Education</b> Hannah Blum, University of Wisconsin-Madison	Break	<b>Keynote Strategies for Integrating AI into the Structural Engineering Profession</b> John-Michael Wong, PhD, S.E., NCSEA Foundation's Innovation in Structural Engineering Grant Team on Artificial Intelligence	<b>Dinner and Social Event</b> Pig Pickin' at the Raleigh Beer Garden  <b>Sponsored by ClarkDietrich USG</b>
Room 2					<b>Special Loading Conditions for Cold-Formed Steel Trusses</b> Peter A. Humphrey, P.E., MiTek		<b>Seismic Design</b> Karl L. Schroeder, P.E., Devco Engineering, Inc. Kirsten Zeydel, S.E., Nevell Group, Inc.		<b>All Things Screwed: Don't Bolt on your Connection</b> Madeleine Grimmer, P.E., Simpson Strong-Tie Company, Inc.			

WEDNESDAY, MAY 21, 2025

Room	7:00 a.m. – 3:15 p.m.	7:00 a.m. – 8:30 a.m.	9:00 a.m. – 10:00 a.m.	10:00 a.m. – 10:15 a.m.	10:15 a.m. – 11:15 a.m.	11:30 a.m. – 12:45 p.m.	1:00 p.m. – 2:00 p.m.	2:00 p.m. – 2:15 p.m.	2:15 p.m. – 3:15 p.m.	3:30 p.m. – 5:30 p.m.	5:30 p.m.
Room 1	Registration	Breakfast	<b>Engineering Ethics: Follow the Rules or Face the Consequences</b> Fred Mendicino, Faughnan Mendicino, PLLC	Break	<b>Radiused Cold-Formed Steel Structure Design</b> Josh Garton, P.E., S.E., McClure Daniel Linneman, P.E., S.E., McClure	Lunch: Award Winners 1st Place Presentations	<b>The Growing Popularity of Prefabricated Exterior Skins &amp; Off-Site Construction</b> Matt Chance, Advanced Exterior Systems	Break	<b>What's Hot on the Hotline?</b> Roger LaBoube, Ph.D., P.E., Cold-Formed Steel Engineers Institute, Patrick M. Hainault, P.E., R.A. Smith, Inc., Andrew Newland, P.E. ADTEK Engineers, Inc.	<b>Emerging Technologies</b>  <b>A Study a Novel Composite Steel Floor System</b> Sophrenia David, Johns Hopkins University  <b>Microsoft .NET open-source AISI S100-16 package</b> Cris Moen, Ph.D., P.E., RunToSolve LLC Chu Ding, Ph.D., P.E., RunToSolve LLC  <b>Developing Innovative Cold-Formed Steel Space Trusses</b> Cheung Yu, Ph.D., University of North Texas  <b>Maximizing Adaptive Reuse with Cold-Formed Steel Frame and Lightweight Structural Cementitious Panels</b> Frank Pospisil, United States Gypsum, Co.	Expo Closes
Room 2					<b>Composite Beams and Diaphragms in Steel-Framed Buildings</b> Matthew R. Eatherton, Ph.D., Virginia Tech		<b>EQ + Low Embodied Carbon (LEC) = Winning with Sustainable Steel</b> Adam Shoemaker, ClarkDietrich				