

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.	6:00 pm. - 7:00 pm.
CFS - Tool Time Hand-On Demo	Welcome Reception	Young Engineer Group Mixer

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	State of the Standards 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	Cold-Formed Steel Classroom: Flexural Member Design 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	Roll Forming Process: Hidden Insights for Better Engineering Design Dr Hari Magarabooshanam, Scottsdale Construction System Mahsa Mahdavian, Scottsdale Construction System	Break	Mixed Reality Technology in Steel Construction and Education Hannah Blum, University of Wisconsin-Madison	Break	Keynote Strategies for Integrating AI into the Structural Engineering Profession John-Michael Wong, PhD, S.E., NCSEA Foundation's Innovation in Structural Engineering Grant Team on Artificial Intelligence	Dinner and Social Event Pig Pickin' at the Raleigh Beer Garden Sponsored by ClarkDietrich USG
Room 2					Special Loading Conditions for Cold-Formed Steel Trusses Peter A. Humphrey, P.E., MITek		Seismic Design Karl L. Schroeder, P.E., Devco Engineering, Inc. Kirsten Zeydel, S.E., Nevell Group, 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	Engineering Ethics: Follow the Rules or Face the Consequences Fred Mendicino, Faughnan Mendicino, PLLC	Break	Radiused Cold-Formed Steel Structure Design Josh Garton, P.E., S.E., McClure Daniel Linneman, P.E., S.E.,McClure	Lunch: Award Winners 1st Place Presentations	The Growing Popularity of Prefabricated Exterior Skins & Off-Site Construction Matt Chance, Advanced Exterior Systems	Break	What's Hot on the Hotline? 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.	Emerging Technologies A Study a Novel Composite Steel Floor System Benjamin W. Schafer, Ph.D., P.E., Johns Hopkins University Microsoft .NET open-source AISI S100-16 package Cris Moen, Ph.D., P.E., RunToSolve LLC Chu Ding, Ph.D., P.E., RunToSolve LLC Developing Innovative Cold-Formed Steel Space Trusses Cheung Yu,Ph.D., University of North Texas Maximizing Adaptive Reuse with Cold-Formed Steel Frame and Lightweight Structural Cementitious Panels Frank Pospisil , United States Gypsum, Co.	Expo Closes
Room 2					Composite Beams and Diaphragms in Steel-Framed Buildings Matthew R. Eatherton, Ph.D., Virginia Tech		EQ + Low Embodied Carbon (LEC) = Winning with Sustainable Steel Adam Shoemaker, ClarkDietrich				