

# COLD-FORMED STEEL ENGINEERS INSTITUTE TUCSON, ARIZONA

MONDAY, MAY 20, 2024

2:00 p.m. – 4:00 p.m.	5:00 pm. – 6:00 p.m.
<b>CFS - Tool Time Hand-On Demo</b>	<b>Welcome Reception</b> <b>(Margaritas, Chips, Guac, &amp; Salsa)</b> <span style="color: red;">Sponsored by ClarkDietrich.</span>

TUESDAY, MAY 21, 2024

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					<b>Fasteners / Anchors in Seismic Design</b> Robert Madsen, P.E., Devco Engineering, Inc.		<b>Cold-Formed Steel Classroom: Intro to AISI S100</b> Dr. R.M. Schuster, P. Eng., University of Waterloo Roger LaBoube, Ph.D., P.E., Missouri University of Science & Technology		<b>Engineering Progressive Collapse in Cold-Formed Steel Buildings</b> Nabil Rahman, Ph.D., FDR Engineers, PLLC		<span style="color: blue;">Keynote</span> <b>Development of standards for Australian Steel Framed Houses Subject to Wildfire Attack</b> Ken Watson National Association of Steel-Framed Housing	<span style="color: blue;">Dinner and Social Event</span> Pima Air & Space Museum  <span style="color: red;">Sponsored by ClarkDietrich SSMA USG</span>
Room 2	Registration	Breakfast	<b>Specialty Engineering from the Contractor's Perspective</b> Don Allen, P.E., S.E., LEED AP Association of the Wall and Ceiling Industry (AWCI)	Break	<b>Expectations from Prefab CFS Manufacturer/Installer on Structural Drawings</b> Venkata Charan, P.E., Digital Building Components LLC	Lunch: Annual Meeting & Awards	How Curtain Wall & Storefront Design Interfaces with Cold-Formed Steel Jamie John, P.E., Excel Engineering, Inc.	Break	<b>ASCE 7-22 And The effect On Cold-Formed Steel Trusses</b> Jacob Thompson, P.E., S.E., TrusSteel	Break		

WEDNESDAY, MAY 22, 2024

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.	3:15 p.m.
Room 1					<b>CFS-NHERI Project Update</b> <b>Tara C. Hutchinson, P.E., PhD., University of California, San Diego</b>		<b>Cold-Formed Steel Diaphragm Design</b> <b>Zane Clark, P.E., S.E., McClure</b> <b>Ian Micklethwaite, P.E., ASC Profiles</b>		<b>Cold-Formed Steel Expert: What's Hot on the Hotline</b> Roger LaBoube, Ph.D., P.E., Missouri University of Science & Technology Patrick M. Hainault, P.E., R.A. Smith, Inc.	
Room 2	Registration	Breakfast	<b>Ethics</b> <b>Brett Stewart AXA XL</b>	Break	<b>Deep Learning-Based Damage Detection in Concealed Cold-Formed Steel Structures using Ground Penetrating Radar</b> Muhammad Taseer Ali, University of Houston	Lunch: Award Winners 1st Place Presentations	<b>Residential Design Beyond AISI S230</b> W. Donald Wheeler, Wheeler Steel Framing Supply	Break		Expo Closes