

all dates and times EDT (New York) GMT/UTC -4

Monday, 17 October 2022		Tuesday, 18 October 2022		Wednesday, 19 October 2022	
time (EDT)	Speaker	Speaker	Title	Speaker	Title
<b>morning</b>					
8:00 AM	Ben Schafer	Ahmed Hussain Ali Abdelrahman	Global Buckling Analysis of Tapered Steel Members with Nonsymmetric Sections via an Updated-Lagrangian Line-Element Formulation	Fatih Yilmaz	Behaviour of fasteners in sheathed cold-formed steel studs under push-out, pull-out and rotational actions
8:15 AM	Martin Horacek	Ivan Lukačević	Numerical parametric study on corrugated web built-up beams with pinned end supports	Sherif A. Mourad	Structural Performance of Cold Formed Sections Portal Frames Eave Connections with Different Fasteners (Screws / Bolts)
8:30 AM	Xia Yan	Sheng Jin	Incorporating the shear and transverse extension effects in the global and distortional buckling modes	Andrea Rajčić	Numerical study of cold-formed steel-concrete composite floor system with demountable shear connectors
8:45 AM	Adem Karasu	Astrid W. Fischer	Non-linear performance of topology optimized orthotropic bare steel deck diaphragms	Vlaho Žuvelek	Numerical study of the behavior of the bolted shear connection in cold-formed steel-concrete composite beam
9:00 AM	Rohola Rahnnavard	Cagan Dizdar	An Experimental and Analytical Study on Cold Formed Steel Floor Trusses with Bare and Concrete Filled Compression Chords	Sheila Ariana	Cyclic performance of fiber-cement-board cold-formed steel connections with varying edge distance
9:15 AM	break		break		break
9:30 AM	Viorel Ungureanu	Gusella Federico	Dynamic identification of selective steel storage pallet rack	Mohammed Elady	Assessment of AISI-S400 deflection equation for cold-formed steel framed shear walls
9:45 AM	Qadir Sangar	Victoria Ding	Experimental Tests on Stability of Cylindrical Shells Under Combined Bending and Torsion	Shahabeddin Torabian	Application of concrete-filled chord studs in cold-formed steel shear walls
10:00 AM	Zhanjie Li	Hollis L. Caswell V	Cold-formed steel profiled decks topped with cementitious structural panels to enable fast floor construction of residential buildings	Hruthik Yelimgandla	Behavior and Strength of Cold-Formed Steel Framed Shear Walls Sheathed by MgO Board
10:15 AM	Sandor Adany	Jiachen (Charlie) Zhang	Seismic Analysis of the 10-Story CFS-NHERI Building	Ghaith Alshamsi	Experimental and Numerical Investigation of an innovative, high capacity cold-formed steel shear wall
10:30 AM	Joshua A Schultz	Amanpreet Singh	Structural Design Narrative of the CFS-NHERI 10-story Test Building for Multi-dimensional Shake Table Testing	Zhidong Zhang	Effects of Modeling Decisions on the Lateral Performance of Cold-Formed Steel Framed Walls
10:45 AM	break		break		break
11:00 AM	Breakout and Networking Sessions organized by CFSRC		Session 9: Design Innovations, Moderator: Mazdak Tootkaboni	Session 15: High Strength Steels and Closing, Moderator: Ben Schafer	Strength of K-Type of Joint made of S700
11:15 AM	Burcu Guldur Erkal	Heider D. Craveiro	Design of cold-formed steel battened built-up columns	Viktoria Detkin	
11:30 AM	Marwan Khshaba	Cheng Yu	Flexible Strength of Cold-Formed Steel Joist with Stiffened Web Holes	Hyeyoung Koh	Calibration and validation of the hole-drilling method to measure residual stresses in advanced high-strength cold-formed steel members
11:45 AM	Cristopher D.Moen	Jon-Paul Cardin	Overview of Updated AISI Standards	Chu Ding	Structural Behaviors Of Advanced High Strength Steel: Ductility, Connections, Members
12:00 PM	Lanyi Zhang	Thomas Sputo	Consolidated SDI Standard for Steel Deck	Ben Schafer	Announcement of Student Awards and Closing
		Glauz, Robert S.	Direct Strength Method: A Fresh New Appearance		
<b>evening</b>					
7:00 PM	Hai-Ting Li	Liang Chen	Numerical Implementation of GMNIA for Steel Frame with Nonsymmetric Sections		
7:15 PM	Zhehang CHEN	Xiaoyan Sun	A stochastic imperfection simulation method from high-fidelity measurements on cold-formed steel studs		
7:30 PM	Akshay Mangal Mahar	Yecheng Dai	Moment capacity of cold-formed steel channel beams with edge-stiffened holes by machine learning		
7:45 PM	Duy Khanh PHAM	M. Adil Dar	Web crippling response of cold-formed ultra-high strength steel lipped channel sections		
8:00 PM	Zhiyuan Fang	Yu Xia	Numerical study on residual stresses in press-braked advanced high-strength cold-formed steel angles by finite element simulation		
8:15 PM	break		break		
8:30 PM	Hengyun Zhang	Liusi Dai	Ductile fracture behavior of Q355 cold-formed thin-walled steel flat and corner materials under monotonic loading		
8:45 PM	Shen Liu	Sivaganes Selvaraj	Sheathing Braced Design of CFS Studs using Direct Stiffness-Strength Method Design		
9:00 PM	Wu Fu-Wei	Shaokuai Wang	Experimental investigation of closed built-up sections using four cold-formed steel open sections under axial and eccentric loading		
9:15 PM	Mahendrakumar Madhavan	Dipti Ranjan Sahoo	Axial response of cold-formed steel closed built-up columns composed of unstiffened channels		
9:30 PM	break		break		
9:45 PM	Waibhaw Kumar	Ya-Qian Wang	Fatigue Performance of Shear Connections between CFS Sheets using Self-Tapping Screws and Rivets		
10:00 PM	Mahendran Mahen	Adeline Ng	The behavior of cold-formed steel and Belian hardwood self-tapping screw connections		
10:15 PM	Vy Son Tung	Viet Binh PHAM	Block Shear Strength and Structural Behaviour of Cold-Formed Steel Staggered Hole Bolted Connections		

