



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE

FOR IMMEDIATE RELEASE

CONTACT: DEBBIE BENNETT
202.452.7179 / dbennett@steel.org

OCTOBER 8, 2020

ROSE KURIA
202.452.7133 / rkuria@steel.org

CFSEI TO HOST WEBINAR ON “DEMYSTIFYING COLD-FORMED STEEL TORSION ANALYSIS FOR DESIGN” ON OCTOBER 29, 2020

WASHINGTON, D.C. – The Cold-Formed Steel Engineers Institute (CFSEI) will host a webinar on “Demystifying Cold-Formed Steel Torsion Analysis for Design” on Thursday, October 29, 2020 from 3:00 p.m. to 4:30 p.m. EDT. The webinar is designed for architects, engineers, building officials and contractors. Participants are eligible for 1.5 PDHs.

The webinar will address the torsional behavior of open cross-sections, which can be complex, involving both warping torsion and St. Venant torsion. Most structural engineering curriculums do not teach this combined torsion response, leaving many engineers with limited ability to properly design for torsion. To complicate matters, most structural analysis software does not fully capture the torsional behavior for cold-formed steel members. This webinar will review some torsion fundamentals and explain torsion distribution using analogies to flexural behavior familiar to structural engineers. The similarity to flexure will be demonstrated using the CFS® software. The American Iron and Steel Institute (AISI) design provisions for combined bending and torsion will be reviewed, and the application of these provisions will be evaluated with several design examples.

Bob Glauz, P.E., MSCE of RSG Software, Inc. will conduct the webinar. Glauz is the author of the CFS® software used internationally for cold-formed steel design. He is a

member of the AISI Committee on Specifications and chairs the AISI Committee on Member Design. He is also a member of the ASCE/SEI Standards Committee on Stainless Steel Cold-Formed Sections, the Structural Stability Research Council (SSRC) and the SSRC Task Group on Stability of Steel Members. Glauz has authored several technical articles on lateral-torsional, flexural-torsional, and distortional buckling of cold-formed steel members.

More information on the webinar and registration is available at <https://www.cfsei.org/webinar-on-demystifying-cold-formed-steel-torsion-analysis-for-design>.

###

The Cold-Formed Steel Engineers Institute comprises hundreds of structural engineers and other design professionals who are finding a better way to produce safe and efficient designs for commercial and residential structures with cold-formed steel. CFSEI members work together to develop and evolve industry standards and design methods, produce and issue technical bulletins, and provide seminars and online training to improve the knowledge and skills base of engineers and design professionals. For more information, visit www.cfsei.org.