



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE

FOR IMMEDIATE RELEASE

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**CFSEI TO HOST WEBINAR ON SOUND TRANSMISSIONS IN COLD-FORMED STEEL
CONSTRUCTIONS ON DECEMBER 3, 2015**

WASHINGTON, D.C., November 23, 2015 – The Cold-Formed Steel Engineers Institute (CFSEI) will host a webinar on “Sound Transmissions in Cold-Formed Steel Constructions” on Thursday, December 3, 2015 at 3:00 PM EST. The webinar is designed for architects, engineers, building officials and contractors. Participants are eligible for 1.5 PDHs.

With higher densification in urban centers, issues of sound insulation are becoming increasingly important in North America. Historically, requirements for sound insulation have focused on the transmission directly through the separating building assembly, but in practice a significant proportion of the sound between two adjacent rooms travels via flanking paths. The 2015 edition of the National Building Code of Canada sees a change from requirements for building element performance (STC rating) to requirements for system performance (Apparent STC rating). A large-scale research project is currently underway at the National Research Council Canada (in collaboration with the Canadian Sheet Steel Building Institute) to investigate flanking sound transmission in cold-formed steel-framed constructions and to provide data for builders and architects.

This webinar will cover the basics of sound transmission through steel stud walls and floors and will also focus on issues of flanking sound transmission in cold-formed steel-framed constructions. It will be presented by Dr. Christoph Hoeller, a Research Officer in the Acoustics Group at the National Research Council Canada.

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Dr. Hoeller is responsible for a range of projects pertaining to sound transmission in buildings and human perception of sound. He currently leads the research project described above. Dr. Hoeller obtained an MSc degree from RWTH Aachen University in Germany and a Ph.D. from the University of Liverpool in the United Kingdom. He is a member of the Acoustical Society of America, the European Acoustics Association, and the International Institute of Acoustics and Vibration.

More information on the webinar and registration details are available at www.cfsei.org.

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.

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