

Smarter. Stronger. SteelDay.

GUEST SPEAKER

CYNTHIA J. DUNCAN

DIRECTOR OF ENGINEERING
AMERICAN INSTITUTE OF STEEL CONSTRUCTION



Cynthia J. Duncan

Director of Engineering
American Institute of Steel Construction

Cynthia Duncan is Director of Engineering at the American Institute of Steel Construction. As secretary of the AISC Committee on Specifications and the AISC Committee on Manuals, Ms. Duncan oversees the planning and development of AISC technical publications, including standards, manuals, design guides and the Engineering Journal. Having been at AISC for most of her career, she works with technical committees involving volunteer educators, consulting engineers and industry representatives, to develop AISC standards and manuals; most notable are the Specification for Structural Steel Buildings and the Steel Construction Manual. Her involvement began with the 1st Edition Load and Resistance Factor Design Manual of Steel Construction and includes the 15th Ed. Steel Construction Manual.

Cynthia's education includes a B.S. in Architectural Engineering at University of Colorado, Boulder, and a Masters of Engineering- Civil (Structures) from Cornell University.

PRESENTATION:

An Overview of the 2016 AISC Specification for Structural Steel Buildings & the 2016 AISC Code of Standard Practice for Steel Buildings and Bridges

Presenter: Cynthia J. Duncan, AISC,
Duncan@aisc.org, 312.670.5410

This presentation will highlight some of the revisions and new information provided in two current steel standards: the 2016 AISC Specification for Structural Steel Buildings and the 2016 AISC Code of Standard Practice for Steel Buildings and Bridges, which are available for free download on the AISC website. The 2016 Specification incorporates revisions that are a result of changes in industry practice, new research, or the need for clarification and simplification; for example, updates in material and bolting standards, a new procedure for addressing slender compression elements, and updated shear strength and WT and double-angle flexural strength provisions. The 2016 Code of Standard Practice incorporates several improvements, including the generalization of the terminology to include the use of models, either in place of drawings or in combination with them, and an expansion of architecturally exposed structural steel (AESS) requirements to provide for multiple levels of finish.

PDH Credits Available