



2023 SEAC Fall Seminar

In-Person & Virtual

Thursday Oct 12, 2023
7:00 a.m. - 12:30 p.m.
(4 PDHs)

Doubletree by Hilton Denver
8773 Yates Drive,
Westminster, CO 80031

REGISTER NOW

Major Changes in Masonry Structural Standards: TMS 402/602-22 (2 PDHs)

Presented By: Richard Bennett, Ph.D., P.E.
Professor of Civil and Environmental Engineering at the University of Tennessee, Knoxville

The masonry design standards, TMS 402/602 Building Code Requirements and Specification for Masonry Structures were updated in 2022 following a 6-year revision cycle. Learn the major changes in these standards which include a complete rewriting of the veneer provisions, the introduction of compression-controlled sections in strength design, anchor bolt recalibration to be based on the ultimate strength of steel, and the addition of an appendix on masonry reinforced with GFRP (Glass Fiber Reinforced Polymer) bars. These changes and many more will be discussed, and the impact of the changes on typical designs will be reviewed.

Introducing the 2022 AISC Specification for Structural Steel Buildings (1 PDH)

Presented By: Mike Gannon, S.E., P.E.
Senior Engineer at the American Institute of Steel Construction

Published earlier this year, the AISC Specification for Structural Steel Buildings (ANSI/AISC 360-22) introduces key updates for the practice of steel design. Substantive technical changes and their impacts on the end users of the standard will be discussed.

**Early registration ends September 29.
Registration Deadline is October 9th.**

Professional and Practical Perspectives on the AISC Code of Standard Practice for Steel Buildings & Bridges (ANSI/AISC 303) - Panel Discussion (1 PDH)

Presented By: Jack Petersen, P.E., S.E.,
Casey Brown, Brad Koch, & Wade Lewis

This panel discussion will feature local industry leaders discussing their career experiences, professional insights and lessons learned from the application of the AISC Code of Standard Practice on past projects and impacts to the industry. Panelist backgrounds include practicing senior structural engineer, an AISC representative and practicing engineer, a steel erector, and a fabricator.

SCHEDULE

| | |
|---------------------|---|
| 7:00 am - 7:45 am | Check In, Breakfast, Networking w/ Sponsors |
| 7:45 am - 9:45 am | Richard Bennett, Ph.D., P.E. |
| 9:45 am - 10:15 am | Break, Networking w/ Sponsors |
| 10:15 am - 11:15 am | Mike Gannon, S.E., P.E. |
| 11:15 am - 11:30 am | Break, Networking w/ Sponsors |
| 11:30 am - 12:30 pm | AISC Panel Discussion |

Bring your business cards to participate in the raffle.

WEBINAR LINK

If you register for the webinar, the webex unique access password for the SEAC Fall Seminar will be emailed to you a day prior to the seminar.

ABOUT THE SPEAKERS



Richard Bennett, Ph.D., P.E. - Professor of Civil and Environmental Engineering at the University of Tennessee, Knoxville

Richard Bennett is a professor of Civil and Environmental Engineering at the University of Tennessee, Knoxville. He has been heavily involved in the TMS 402/602 Building Code Requirements and Specifications of Masonry Structures. He was the main committee chair of the 2016 edition and is vice chair for the 2022 and 2028 edition. He is a co-author of Strength Design of Masonry and is the editor for the 2022 edition of the Masonry Designer's Guide.

Mike Gannon, S.E., P.E. - Senior Engineer at the American Institute of Steel Construction

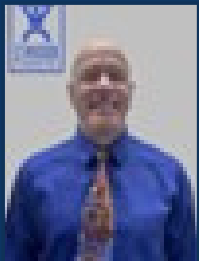
Michael Gannon, S.E., P.E., is a Senior Engineer at the American Institute of Steel Construction. As secretary of the AISC Task Committee 7 on Evaluation and Repair, AISC Task Committee 9 on Seismic Systems, and the AISC Manual Subcommittee M3 on the Seismic Manual, Mr. Gannon works with industry experts to plan and develop various AISC standards and publications. These include the AISC Specification, the AISC Seismic Provisions, and the AISC Seismic Design Manual. Prior to joining AISC, Mr. Gannon worked for over eight years as a consulting structural engineer with a primary focus in steel connection design and construction engineering. Michael's education includes a B.S. in Civil Engineering from the University of Notre Dame and a M.S. in Engineering, Civil Engineering from the University of Michigan.



Jack Petersen, P.E., S.E. - Principal at Martin/Martin Inc.,

Mr. Petersen has been practicing structural engineering in Colorado for over 40 years and is a Principal, past President, and past Structural Department Director of Martin/Martin. Over his career, Jack has had the opportunity to design, and to lead teams in the design of stadiums, arenas, high-rise buildings, manufacturing facilities and many other types of projects. He has been a member of SEAC for many years and served as the organization's President in 2003. More recently he has been active as a board member and committee chair with ACEC Colorado. Jack has extensive experience with national committees of AISC over the last 20 years. He served as a member of the

Specification Committee for the 2005 and 2010 codecycles contributing to all AISC specifications. In addition he worked as a consultant for the 2015 Code of Standard Practice Committee carrying forward work on Architecturally Exposed Structural Steel that was originally developed by the SEAC steel committee. Jack has presented at several NASCC conferences and served on jury's for AISC award programs from time to time.



Casey Brown - President Zimkor

Casey Brown has over 37 years of steel construction experience (as a project manager/operations manager), is the President of Zimkor (an American Institute of Steel Construction -AISC- Member and Certified fabricator, a current AISC Board Member) and a past of president of the Rocky Mountain Steel Construction Association (RMSCA). Casey spends a fair amount of time trying to unite/point the varied parties involved in construction to better ways of building, especially with steel! He also spends way too much time skiing and can out ski you more than likely.



Brad Koch - President Total Welding, Inc.

Brad joined TWI in the fall of 2018 with more than two decades of experience in estimating, project management and business within the commercial industry. Brad's focus is on the pre-construction efforts to work alongside our valued clients to select the best projects to pursue with detailed, accurate and comprehensive proposals. In addition, Brad oversees internal operations while maintaining current partnerships and fostering future relationships with new clients to serve the goal of TWI being an indispensable project team member. Brad is a Colorado native and CSU Construction Management graduate who enjoys mountain biking, camping and time with his wife and two kids.



Wade Lewis - Vice President at Puma Steel

Wade Lewis is Vice President of Puma Steel and a committee member of AISC's Code of Standard Practice for Steel Buildings and Bridges. With over two decades in the industry, his experience includes fabrication, detailing, estimating, project management, contract management and business development. Wade's primary experience focuses on commercial and industrial projects throughout the Western United States. Wade thrives in environments that focus on problem solving, innovation, and teamwork.

REGISTRATION FEES

| IN-PERSON | Early Registration | After 9/29 |
|-------------|--------------------|------------|
| Members | \$180 | \$200 |
| Non-Members | \$260 | \$280 |
| Students | \$40 | \$40 |

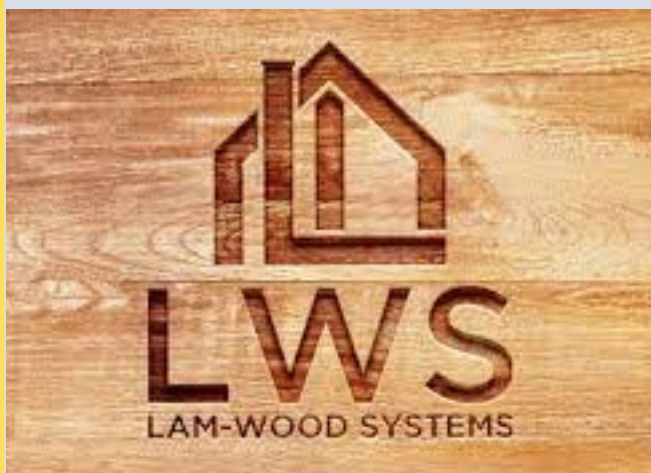
| VIRTUAL | Early Registration | After 9/29 |
|-------------|--------------------|------------|
| Members | \$180 | \$200 |
| Non-Members | \$260 | \$280 |
| Students | \$40 | \$40 |

Registration fee includes breakfast (for in-person attendees only), presentations, and a certificate for 4.0 Professional Development Hours (PDH). FREE PARKING is available in the hotel parking lot.

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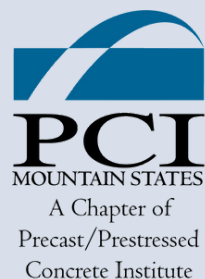
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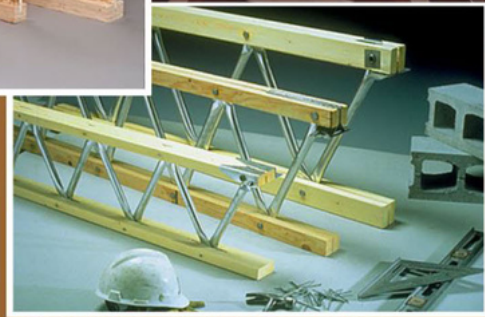
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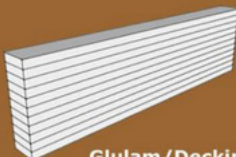
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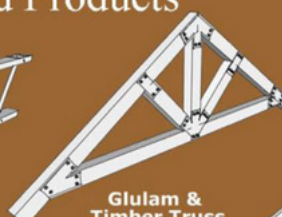
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APPLICATIONS

- Fire-rated post-installed rebar connections, including splice connections between new and existing concrete, new columns, column and beam extensions and closing of openings
- Post-installed concrete-to-concrete civil applications, including bridge extensions and diaphragm trench walls

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