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*Upcoming Events*

METALCON International (with CFSEI committees) Las Vegas, NV	Oct. 3-5
NCSEA Annual Conference Philadelphia, PA	Oct. 11-13
Seismic Regulations for Building Equipment Symposium Buffalo, NY	Oct. 12
CCFSS Short Course St. Louis, MO	Oct. 16-18
Specialty Engineered Systems Seminar Atlanta, GA	Oct. 19
Steel: Doing it Right Seminar San Jose, CA	Oct. 24-26
Mid-Atlantic SFA Meeting Brick Veneer Presentation Tysons Corner, VA	Nov. 8
Atlanta/S.E. Chapter Meeting Latest Industry Resources Atlanta, GA	Dec. 6
Florida Chapter Meeting Bracing CFS Wall Systems Orlando, FL	Jan. 24

**CFSEI Forms New Fire and Acoustic Task Group**

Under direction of the CFSEI, the Steel Framing Alliance (SFA) is reactivating and re-energizing the Fire and Acoustic task group. Formerly the Fire Sound and Thermal Task Group, the Thermal Task Group has been spun off as a separate entity to focus on the very specific issues dealing with steel framing and heat transfer.

The remaining issues relating to fire resistance, steel-framed fire rated assemblies, sound transfer, and acoustic rating and testing will be under the purview of this new group.

Ray Frobosilo Sr., right, president of Super Stud Building Products in Astoria, NY, has volunteered to be chairman of the task group. With more than 35 years experience in the steel framing industry, Mr. Frobosilo has a special interest in fire and acoustic issues as they relate to steel framing.

Since starting Super Stud in 1973, he has been very active in working to grow the industry since that time.



“The more we can educate and satisfy the design professional to solutions that Cold Formed Steel can bring to the table to satisfy their requirements, the more opportunities our Industry will have to grow our market share,” Frobosilo said.

“Our new group will focus on specific Fire and Acoustics issues facing members through out the U.S., issues that are impeding their progress. While we may learn many new issues facing us, the challenge will be to attract bright volunteers to join our group and help us design practical solutions.”

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**Survey on Market Barriers Conducted in November**

One of the primary objectives of the CFSEI Technology Development Committee (TDC) is to help the Steel Framing Alliance (SFA) and the broader cold-formed steel framing industry identify needs and establish priorities for projects that “eliminate technological barriers and expand opportunities for advanced technologies leading to the increased use of steel framing in residential, commercial, and institutional construction.” To do so, input is needed well beyond the fifteen volunteers who fill out the roster of the TDC.

Throughout the year, the TDC endeavors to identify barriers to the use of steel framing and opportunities to improve its competitiveness. One approach is through use of the Barrier Survey Form and Project Submission Form, which can be downloaded from the CFSEI or SFA websites. The work culminates with an annual survey of the SFA/CFSEI membership in November to identify priority areas for projects. These projects may include literature searches, basic and applied research, industrial testing, engineering analysis,

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## Short Course on Cold-Formed Steel Design Planned This Month

The Wei-Wen Yu Center for Cold-Formed Steel Structures is planning for its 20th Short Course on Cold-Formed Steel Structures. The three-day short course will be held October 16th, 17th, and 18th, 2007 in St. Louis, MO.

The short course lectures will present discussion of the behavior and design of cold-formed steel members and connections. The short course is structured to provide an introduction to behavior and design for the engineer unfamiliar with cold-formed steel. For engineers experienced with cold-formed steel design, the short course will strengthen their understanding of the fundamental behavior of both members and connections, as well as provide a better understanding of the AISI design specification and the AISI framing standards. A preview of future specification changes will also be provided. The short course content is applicable to the broad range of applications of cold-formed steel to include framing, metal buildings, deck and panels, and rack structures.

“This is an intense three-day presentation incorporating a lot of good material, and it’s significantly more comprehensive in content than any one-day course,” said Don Allen, CFSEI Secretary.

Lectures will be based on information contained in the AISI *North American Specification for the Design of Cold-Formed Steel Structural Members*, 2001 edition with the 2004 Supplement and its Commentary and the AISI *Standards for Cold-Formed Steel Framing*, 2004 editions. The text *Cold-Formed Steel Design*, 3rd edition, by W. W. Yu will also serve as a course reference.

Included in the course registration is a tour of a local panelizing facility. Gateway Panel is a manufacturer of pre-fabricated cold-formed steel wall panels and truss systems using state-

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## CFSEI Forms New Fire and Acoustic Task Group

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The American Iron and Steel Institute (AISI) has also hired Farid Alfawakhiri, P. E., formerly of the American Institute of Steel Construction, to be their code staff liaison for fire-related issues. Farid has extensive experience in fire engineering and fire related issues, and sits on ASTM Technical Committee E05 on Fire Standards.

The Fire and Acoustic Task Group held a conference call in late August to discuss issues, challenges

and potential research and testing projects to be considered by the Task Group. The Group is scheduled to meet again at METALCON International in Las Vegas on October 3rd.

If you are interested in participating in this task group, contact CFSEI Secretary Don Allen at (706) 597-8076 or [dallen@cfsei.org](mailto:dallen@cfsei.org).

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## Survey on Market Barriers Conducted in November

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and field studies to gather and/or create new knowledge. These projects may also focus on technology transfer needs and may include packaging and disseminating best practices and guidelines to help advance the state-of-the-art.

All SFA and CFSEI members are encouraged to participate in the annual priority survey to help facilitate the identification and prioritization of needs, opportunities and projects. The results of the survey establish a quantified ranking of the projects, which allows the TDC to delineate

between priorities and establish a “top 10” list of projects to be pursued. The direction provided by the survey allows the TDC to focus its efforts to develop more complete project descriptions and funding plans for the highest priority projects.

For more information on the survey and the TDC activities, check out the Research and Development pages on the SFA website or contact the chairman, Mark Nowak ([marknowak@newportpartnersllc.com](mailto:marknowak@newportpartnersllc.com)) or Secretary, Jay Larson ([jl Larson@steel.org](mailto:jl Larson@steel.org)).

### Engineer

Cold formed steel framing company in northern New England is looking for an experienced engineer with solid talent. Applicant must have a minimum of a BS degree in civil or structural engineering. P.E. registration is preferred. All candidates must have design experience, excellent time management, organization, communication skills and the ability to manage multiple projects and work under time constraints. Possible option to work remotely. Excellent opportunity to join a progressive, family-friendly organization. Please forward resume and salary requirements to: Human Resources, Steel Elements, Inc., 18 Glen Road, Gorham NH 03581 or by e-mail at [hr@steelelements.com](mailto:hr@steelelements.com). All replies will be held in strict confidence.

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The New Structure  
In Steel Framing Systems

## Brian Berger Joins Steel Framing Alliance as Manager for CFSEI



The Cold-Formed Steel Engineers Institute has a new, full-time Manager, dedicated to enhancing CFSEI programs and implementing the strategic objectives set forth by the Institute's Board of Directors. In the past year, the CFSEI Board has developed an ambitious agenda with eight key strategies to guide program priorities.

With the CFSEI Board of Directors focused on advancing those key strategies and enhancing CFSEI's value to members, it was important to hire a Manager capable of implementing programs on a tactical level. Berger's initial charge includes managing the development and publishing of Technical Notes, something he has been working on since June of this year when he was named interim CFSEI Manager.

CFSEI currently has a number of Technical Notes undergoing development and technical review, and with Berger joining the organization on a full-time basis in September,

CFSEI members can expect to see more consistent delivery of Technical Notes to add to their resource libraries.

CFSEI's Manager also plays a major role in developing and managing communication and administrative functions, including promoting industry events, producing publications and designing new programs to advance CFSEI's mission.

"CFSEI has a re-tooled strategy and committed volunteers working to get more technical information into the hands of engineers," said Larry Williams, Steel Framing Alliance President. "Brian is going to be a valuable resource for the organization and he is already making an impact. The result for CFSEI members is going to be evident and an important component of the effort to foster the use of cold-formed steel in the field."

Berger has a decade of experience in association management, marketing and public affairs, and previously worked for associations in the adhesives manufacturing and retail industries.

He has also worked as a marketing and public relations consultant representing a wide range of clients from affordable housing developers to political candidates.

Berger received a Bachelor of Arts degree in Government at Hamilton College in Clinton, N.Y., and is currently earning an M.B.A. at East Carolina University. In his spare time, he has served as a volunteer firefighter, Special Olympics coach, and struggling golfer. He currently resides in Wilmington, N.C.

Brian welcomes feedback from CFSEI members and can be contacted at 910-431-3115 or via e-mail [bberger@CFSEI.org](mailto:bberger@CFSEI.org).

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### Florida Chapter of CFSEI Discusses Mid-Rise Loadbearing Structures

On the evening of September 6, the Florida Chapter of CFSEI held their second meeting of the year at the Holiday Inn on International Drive in Orlando, Florida. The meeting was, as the first meeting, a resounding success. Kenny Pagano, Florida Chapter President, commenced the meeting with some announcements for the many attendees.

Following the announcements, Mr. Pagano acknowledged and thanked the three sponsors of the event for their participation at this meeting; ITW TrusSteel, Aegis and Simpson Strong-Tie.

Each of the sponsors had a table top display in the room and each drew a lot of attention from the attendees.

The speaker for the evening, Mr. Don Allen, Director of Engineering for the Steel Framing Alliance, was introduced and lead a spirited discussion on "Cold-Formed Steel Mid-Rise Loadbearing Structures." The topic covered a wide range of structures that are well suited for Cold-Formed Steel framing. The audience thoroughly engaged in the discussion and offered questions and comments.

Pagano informed those in

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### Short Course on Cold-Formed Steel Design Planned This Month

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of-the-art automated equipment in their assembly plant located in St. Charles, Missouri. The pre-fabricated cold-formed steel framed wall and floor panels use welded or screw connections. Finish systems such as Exterior Insulation Finish Systems (EFIS), siding or brick veneer are applied in a controlled environment.

Additional information regarding the course may be obtained by contacting Ms. Christina Stratman, Center for Cold-Formed Steel Structures, Tel: (573) 341-4471, Fax: (573) 341-4476, e-mail [ccfss@umr.edu](mailto:ccfss@umr.edu) or Dr. Roger LaBoube, Tel: (573) 341-4481, Fax: (573) 341-4476 or e-mail: [laboube@umr.edu](mailto:laboube@umr.edu). Visit [http://ccfss.umr.edu/content/short\\_course.html](http://ccfss.umr.edu/content/short_course.html) for more information.

## CFSEI Launches Awards Program for “Innovative Design” and “Distinguished Volunteer” Service to the Industry

The Cold-Formed Steel Engineers Institute (CFSEI) intends to recognize the most innovative design projects using cold-formed steel by crowning the first winner of the CFSEI “Award for Innovative Design.”

The top honors will be presented with a unique trophy and other prizes at an Awards Ceremony to be held at METALCON International 2008 in Baltimore, MD. Honorable mention winners will also be announced at the Awards Ceremony and will be recognized throughout the year as outstanding exhibits of cold-formed steel design and application. These professionals and their projects will be widely showcased and recognized for their achievements.

“It’s becoming more common to see cold-formed steel construction because of its many benefits in different types of projects,” said Jeff Ellis, CFSEI

President. “As information about cold-formed steel design and construction expands we’re seeing some impressive innovations in the field. CFSEI recognizes that innovative cold-formed steel designing contributes to our overall knowledge, and in turn fosters further innovation.”

Criteria for the “Award for Innovative Design” will include innovative use of one or more aspects of accepted standards or specifications to solve design or construction challenges, designs incorporating cold-formed steel in an attractive and code-compliant manner, and innovative use of a process, tool, technique or methodology. Individual products or tools cannot be submitted as a stand-alone entry, but the use of an applicable product or tool on a specific project qualifies that project for entry.

The judging panel will include individuals with design and construction

experience in different geographic regions, including: architects, experienced CFS general contractors, and structural design professionals. The CFSEI Board of Directors and staff will appoint the judging panel by February 2008.

Since 2008 will be the first time the “Award for Innovative Design” is presented, CFSEI will commence a separate contest for the design of a trophy reflecting the achievement.

CFSEI will also recognize one volunteer with an “Award for Distinguished Service.” CFSEI members will nominate candidates via the CFSEI Web site and vote on the final six candidates for the Award.

Future announcements will provide additional details about the CFSEI Awards Program and submission guidelines. For additional information, you may also contact Brian Berger, CFSEI Manager at (910) 431-3115 or [bberger@CFSEI.org](mailto:bberger@CFSEI.org).

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Newsletter for the  
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## Cold-Formed Steel Framing Standards Published in New ASTM International Compilation

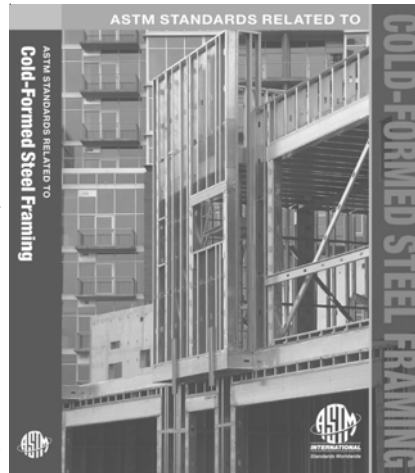
For the first time, ASTM International's standards related to cold-formed steel framing are available in a single publication. These standards are often referenced in state and local building regulations as well as construction project specifications, but with more than 12,500 ASTM standards in an 81-volume library, the standards dealing with cold-formed steel framing have never before been centralized within a single publication. ASTM Standards Related to Cold-Formed Steel Framing, available now from the Steel Framing Alliance's bookstore or the ASTM International Web site as a soft cover book or CD-ROM, integrates these standards into a single source.

Nineteen standards affecting cold-formed steel framing are included in the ASTM International compilation, covering sheet steel, material and testing for coatings, gypsum, formed studs, installation and screw fasteners. A full listing of the nineteen ASTM standards is available on the Steel Framing Alliance Web site.

"This compilation provides engineers, architects, specifiers, and code officials with a convenient, single-source reference to specify and inspect cold-formed steel framing," said Larry Williams, President, Steel Framing Alliance. "Enhancing access to ASTM's standards and other technical information makes it easier for professionals in the field to use cold-formed steel in their projects."

Individuals representing the Steel Framing Alliance, Steel Stud Manufacturers Association (SSMA), Association for the Wall and Ceiling Industry (AWCI), Gypsum Association,

and other industry organizations collaborate within ASTM International (formerly known as the American Society for Testing and Materials) on an on-going basis to develop standards for cold-formed steel framing. The



SSMA initiated this project for ASTM, selected the standards that would most likely be specified on construction projects, and guided ASTM International. "This will be an excellent

resource for our members and their customers," said Don Allen, Technical Director for SSMA and Director of Engineering for SFA.

"SSMA has already placed a bulk order for the compilation, and will distribute copies to all SSMA member companies. I have personally used the compilation to help answer a couple of technical questions that came in last week about product marking. This is a must-have resource for the specifying architect or engineer; I'm really glad ASTM and SSMA came together to develop this."

CFSEI published a Technical Note on "ASTM Standards for Cold-Formed Steel" in July 2007. Authored by Roger Wildt, P.E. of Wildt Consulting, the CFSEI Note is available on the CFSEI Web site and is available complimentary to CFSEI members.

ASTM Standards Related to Cold-Formed Steel Framing is available for purchase as a soft cover book or CD-ROM at the Steel Framing Alliance bookstore.

## **Florida Chapter of CFSEI Discusses Mid-Rise Loadbearing Structures**

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attendance that the next meeting would be held on January 24, 2008, with the topic of discussion to be "Bracing CFS Wall Systems." Also, new Chapter board members and officers would be elected prior to and announced at that meeting. Mr. Pagano asked that anyone interested in serving on the Board should contact him.

For more information on the Florida Chapter of CFSEI and upcoming events, contact Chapter President Kenny Pagano at [kpagano@scostacorp.com](mailto:kpagano@scostacorp.com).

## **Atlanta Chapter Meeting Features Lateral Design Presentation**

On September 21st members and guests of the CFSEI Atlanta/Southeast Chapter attended a presentation on the "New Lateral Design Standard." Jeff Ellis, AISI COFS Lateral Design Subcommittee Chairman and CFSEI President, right, delivered the keynote presentation at the Chapter's quarterly luncheon meeting. Held at the Atlanta Marriott North Central, the presentation focused on the soon-to-be released 2007 version of the AISI's "Standard for Cold-Formed Steel Framing - Lateral Design" (AISI S213-07).

Ellis also included design examples from the draft of the CFSEI Lateral Design Guide. The next meeting of the Atlanta/Southeast Chapter will be on December 6th at the Atlanta Marriott North Central with registration at 11:30 a.m. and the program scheduled for Noon until 1:30 p.m. The topic will be the "latest standards and resources from the



industry: CFSEI, AISI, ASTM, and others."

Features will include design examples from the new AISI Cold-Formed Steel Framing Design Guide by Tom Trestain, the Direct Strength Design Guide from Ben Schafer, and information on the new Technical Notes from CFSEI. The new compilation *ASTM Standards Related to Cold-Formed Steel Framing* will also be discussed, as well as how an architect, engineer, or specification writer should incorporate these into specifications and structural general notes.

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