

NEWSLETTER

OCTOBER 2011



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE



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UPCOMING EVENTS:

CFSEI FL Chapter – Dinner Meeting at ChampionsGate Nov 10, 2011

22nd Short Course on CFS Structures, St. Louis, MO Oct 25–27, 2011

CFSEI Webinar – BIM for the CFS Industry Dec 01, 2011

CFSEI FL Chapter Annual Meeting Feb 09, 2012

National CFSEI Annual Conference and Meeting May 21–22, 2012

KEEP YOURSELF UP-TO-DATE WITH CFSEI*

The CFSEI communicates with its members via e-mail for various announcements, such as webinars, local chapter meetings, updates on technical notes and research reports, etc. To ensure that you are receiving all of your intended emails from CFSEI, please do the following two things:

- ✓ Make sure your member profile information is up-to-date.
- ✓ Check your message history.

1. Member Profile Information

When you renew the annual membership, please take a few minutes to check and update your contact information by accessing the “SFA Member Profile” tab (See Figure below).

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SFA Member Profile My Message History*

Profile Information

Member ID:
Title:
Username:
Password:
First Name:
Last Name:
Contact:

* Tamilselvan Samiappan, P.E., TrusSteel, ITWBCG, Inc.
Board Member (2011), CFSEI FL Chapter

If your contact information, especially your e-mail address, is changed at any time due to a new job position and/or for any other reason, please update your membership profile as soon as possible.

2. My Message History

When an e-mail announcement is sent to the CFSEI members, the subject, the date and the time are logged into your membership account in “My Message History” tab - it is the tab adjacent to the “SFA Member Profile” tab (see Figure below).

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SFA Member Profile My Message History*

Messages

View	Sender	Subject	Received Date
	CFSEI	Reminder : Webinar - Cold-Formed Steel Submittals - August 25, 2011	08/24/2011 08:47:17 EDT
	CFSEI	Reminder : Webinar - Cold-Formed Steel Submittals - August 25, 2011	08/18/2011 16:06:48 EDT
	CFSEI	Reminder : Webinar - Cold-Formed Steel Submittals - August 25, 2011	08/18/2011 15:56:14 EDT
	CFSEI	Two Updated Technical Notes	08/12/2011 16:18:40 EDT
	CFSEI	Webinar - Cold-Formed Steel Submittals - August 25, 2011	08/02/2011 16:10:30 EDT
	CFSEI	New TechNote: Tabulated Local And Distortional Elastic Buckling Solutions For Standard Shapes	07/18/2011 16:18:55 EDT
	Steel Framing Alliance	A Guide To Fire And Acoustic Data Update Information Request	07/15/2011 11:36:59 EDT

When you click the icon under view (icon with an eye), it will show you the actual html message that you have received via e-mail. If you think you haven't received some of the e-mails in the log, please contact Rose Kuria at rkuria@cfsei.org. Before you contact Rose, please make sure that the e-mails sent were not delivered to your spam or junk folder.

If you are not a member, you are strongly encouraged to join the CFSEI and its local Chapters to make use of the membership benefits. For registration and member benefits info, please refer to the membership section at www.cfsei.org.

PREVIEW OF CFSEI FL CHAPTER ANNUAL MEETING - FEBRUARY 9th, 2012*

"Blast and Progressive Collapse Design of Cold-Formed Steel Structures by Nabil A. Rahman, Ph.D., P.E"

The CFSEI Florida Chapter will be having our 2012 Annual Meeting on Thursday, February 9th, 2012 at the Rosen Plaza Hotel in Orlando. We are extremely pleased and fortunate to have Nabil A. Rahman, Ph.D., P.E., Director of Engineering and R&D at Applied Science International (ASI) and its parent company, The Steel Network (TSN), Inc. coming to present for us on Blast and Progressive Collapse Design of Cold-Formed Steel Structures.

ABOUT THE PRESENTATION

This presentation introduces the concepts and methods of analysis and design of cold-formed steel structures against blast and progressive collapse. The presentation focuses on the design requirements for cold-formed steel mid-rise construction and curtain wall framing in the Department of Defense projects per the Unified Facilities Criteria (UFC) 4-010-01 and 4-023-03. The under-development ASCE Standard for Blast Protection of Buildings will be also discussed. A case study with computer analysis and design calculations will be presented. **There will be 1.5 PDH (FBPE Course #0004364/FBPE Provider #0005013) and 1.5 LU/HSW (AIA Course #SFA1109/AIA Provider #G411) available!**

LEARNING OBJECTIVES

1. Understand main concepts of structural design to mitigate the effects of blast and progressive collapse on buildings.

2. Identify which buildings (based on height and occupancy category) would qualify for progressive collapse design per DoD requirements.
3. Identify which components of building's exterior framing would qualify for blast design per DoD requirements.
4. Select proper analysis methods and software tools to perform blast and progressive collapse design.

ABOUT THE SPEAKER

Nabil A. Rahman, Ph.D., P.E. is the Director of Engineering and R&D at Applied Science International (ASI), and its parent company, The Steel Network, Inc (TSN). He also serves as an Adjunct Associate Professor at the Civil Engineering Department of North Carolina State University. He has vast experience in the development of engineering software, as well as the design and analysis of structures against extreme loads (progressive collapse, blast, Impact and hurricanes). Dr. Rahman has participated in several vulnerability, blast and progressive collapse assessments of commercial and military buildings, and has several publications from this work. He led the development of "SteelSmart[®] System" engineering software for ASI, and advised on the development of the "Extreme Loading[®] for Structures" software.

Dr. Rahman has given numerous continuing education seminars on Progressive Collapse Design and the Design of Cold Formed Steel Framing Systems to engineering associations around the US and to engineers from around the world. He is currently serving as a member of the Committee on Specification and Committee on Framing Standards of the American Iron and Steel Institute (AISI), the Vice-Chairman of the

* Julie Lowrey, E.I.,

Vice President (2011), CFSEI FL Chapter

Cold-Formed Steel Engineers Institute (CFSEI) and a member of ASCE Committee on Cold-Formed Steel.

ABOUT THE MEETING

The cost to attend the meeting will be a modest \$35.00. Attendees will be able to register online and opt for their dinner choice of Dijon Crusted Chicken, Prime Rib or Vegetable Lasagna. During this meeting, installation of the new 2012 CFSEI Florida Chapter Board of Directors and Officers will take place, and we will present our Gold Sponsor Awards.

ABOUT THE SPONSORS

Our meetings are made possible by the support of our valued sponsors, and we would like to acknowledge the companies that have currently signed up for sponsorship of our biggest meeting of the year! Big thanks go out to TrusSteel, Aegis, NuconSteel and Loadmaster Systems. **If your company would like to sponsor this meeting, we currently have a "2 for 1" promotion available, where companies who sign up to sponsor the February 9th meeting will also be complimentary sponsors for the November 10th meeting.** Contact Bill Babich (bbabich@itwbcg.com) for more information.



CFSEI BOARD OF DIRECTORS NOMINATION*

It is time again to begin our nomination process for the Board of Directors for the CFSEI - Florida Chapter. The Board is made up of twelve Chapter members and we are excited to announce we have availability for four new members on our Board.



We are looking for self-motivated people who work with Cold Formed Steel and have an interest in learning more about it. You can be an engineer, contractor or anything in-between. We ask each of you to nominate yourself or someone you know who will be willing to serve as a member. Each position is for a 2-year term.

As a Board Member, we ask that you participate in our phone conferences held on the last Tuesday of each month for one hour during lunch where we will discuss the planning for our Chapter meetings. Additionally, we ask that you attend a minimum of 1 Chapter meeting per year. We ask that you each bring your ideas for meetings you would like to see and topics you would like to learn about. You can't ask for a better way to get your ideas for meetings implemented.

If interested, please contact Jennifer Zabik, PE (Jennifer.zabik@awsolutionsinc.com) or Julie Lowrey (julie4280@hotmail.com). The nomination deadline is November 1st so please get your nomination in.

* Jennifer Zabik, P.E., S.E., AW Solutions, Inc.
President (2011), CFSEI FL Chapter

UPDATE ON CFSEI TECHNICAL NOTE*



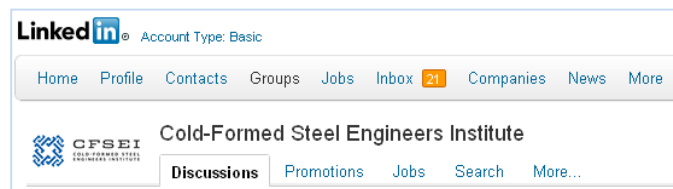
The CFSEI has recently published a new Technical Note - **Guidelines for Inspecting Cold-Formed Steel Structural Framing in Low Rise Buildings (G500-11)**. This Tech Note updates and replaces both Technical Note 1010b and 1010c, which were inspection lists.

Per the CFSEI's e-mail announcement, "the new note (rather than being a checklist) is intended to provide guidance for both code officials and design professionals who are required to either inspect CFS framing or provide site observations, for both single-family residential and low-rise CFS structural framing. This updated note incorporates the latest code data from both AISI and ICC, with references to documents that comply with the 2009 and 2012 IBC. Extensive references on page 6 of the note include "Useful reference documents" that are standards referenced in one or more of the building codes, as well as Acceptance Criteria for materials that may be non-standard. Also included is the latest alignment framing detail from AISI Standard for Cold-Formed Steel Framing - General Provisions (AISI S200)".

If you are a member of CFSEI, you should have received an e-mail announcement with a link to download; you can also login to www.cfsei.org using your username and password to download the Technical Note for FREE. To become a member to receive free Technical Notes and all the other member benefits, please visit www.cfsei.org.

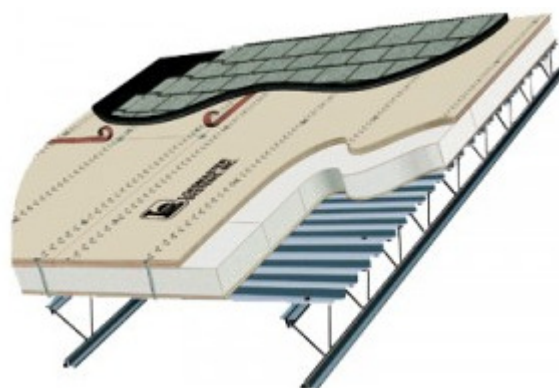
* Tamilselvan Samiappan, P.E., TrusSteel, ITWBCG, Inc.
Board Member (2011), CFSEI FL Chapter

CFSEI GROUP DISCUSSION IN LINKEDIN*



If you are familiar with LinkedIn, you may already know about the "CFSEI Group" in LinkedIn. The CFSEI group in LinkedIn was created for the professional networking and mutual sharing of good ideas and possible solutions regarding the issues that you encounter in your day-to-day CFS design projects.

Presently, in CFSEI group, we have an on-going discussion about several design "gaps" that the metal roof deck system supplier/installer encounter between their scope of responsibility and that of CFS trusses.



This discussion was started by our own FL Chapter board member Mr. Darden Cobb of Loadmaster Systems, Inc. Already, there are several good comments posted by industry experts. If you are interested, please join CFSEI group in LinkedIn and input your concerns, ideas or suggestions by sharing your CFS design or industry expertise.

We'll be having more discussions coming up in the near future, please look forward to it!

2012 NATIONAL CFSEI ANNUAL CONFERENCE AND MEETING COMING TO ORLANDO!*



"Save the Date for May 21st and 22nd"

The National CFSEI has decided to have their annual conference and meeting in Orlando next year, which is great news for our Florida Chapter membership! Planning is already underway, and there will really be something for everyone at this year's show, whether you're an engineer, architect, contractor or building official. If you have attended CFSEI National Annual Meetings in the past, you know that they are invaluable to professionals in the cold-formed steel industry.

Educational sessions provided address pertinent topics in our field that are hot issues right now, and that we all need to be up to speed on! Spending 2 days away from the hustle and bustle of the office, immersed in cold-formed steel seminars and discussion, is a recipe for success when you bring that knowledge back to work with you. Plus, we all know how important networking can be, and the perfect opportunity for networking in the cold-formed steel industry is when hundreds of CFS professionals from all over the country are congregated right here in our back yard!

Please mark your calendars and stay tuned for more information coming soon regarding this important event.

* Julie Lowrey, E.I.,

Vice President (2011), CFSEI FL Chapter

CFSEI WEBINAR ON DECEMBER 1ST

Title: Building Information Modeling (BIM) for the Cold-Formed Steel Industry

Date: December 01, 2011

Presenter(s)

Erich Bretz, P.E. & Dan McCloskey, P.E.
MB BIM Solutions, LLC

Objectives:

- Learn what BIM is, and why it is used.
- Understand the current industry standard of BIM workflows.
- Investigate the pros and cons of the available BIM software packages.
- See an overview of how to model cold-formed steel in Revit.
- Learn how BIM processes can change the typical cold-formed steel workflows and benefit the entire team.
- Discuss additional opportunities to leverage BIM to enhance project delivery.

Please look forward to the announcement flyer and registration info from CFSEI soon!

