



Contents	page
LGSEA Changes Name to CFSEI	1
CFSEI Initiates Florida Chapter	1
Chapter News	2
News Briefs	3
CFSEI President's Corner	4
Key CFSEI Events At METALCON	5
CFSEI Website: a "Must-Have" Resource	6
CFSEI Exhibits at SEA Conferences	8
WTCA Creates Cold-Formed Steel Council	

LGSEA Changes Name to CFSEI: Cold-Formed Steel Engineers Institute

The Steel Framing Alliance (SFA) Operating Team voted last month to approve a recommended name change for the former LGSEA. The group, made up primarily of structural engineers, is now known as the Cold-Formed Steel Engineers Institute, or CFSEI (pronounced ceff-see.) "The new name better reflects our mission, vision, and membership makeup," stated Ben Schafer, Ph.D, President of the CFSEI and Assistant Professor at Johns Hopkins University.

As a part of the change, the SFA Operating Team approved an update to the Operating Procedures for the CFSEI. Updates included expanding the membership to include active non-engineers, better incorporating the desires of chapters by including a board-level Chapter Liaison, update of the mission of the organization, and adding a vision for the group to the Operating Procedures. These changes are the direct result of a board retreat held in Baltimore, Maryland, on August 15-16. Hosted by the Johns



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Hopkins University School of Civil Engineering, and facilitated by Liza Bowles of Newport Partners, the retreat focused on the strengths and opportunities for the CFSEI. "The board saw an opportunity to make some very minor changes to the organization that would allow them to better serve their members" said CFSEI Secretary Don Allen. "Practicing engineers in dire need of a better understanding of the design process with CFS. There have been some logistical difficulties with the former organization, this, as well as some changes in implementation and staffing, will go a long way to better

Continued on page 9

Upcoming Events

Mid-Rise Presentation at METALCON (full day)	Oct. 2
<i>Tampa, Florida</i>	
CFSEI Meetings at METALCON	Oct. 3-4
<i>Tampa, Florida</i>	
METALCON Intl.	Oct. 3-5
<i>Tampa, Florida</i>	
SFA Fall Forum	Oct. 4
<i>Tampa, Florida</i>	
STEEL: Doing It Right	Oct. 12-14
<i>Denver, Colorado</i>	
SEA Texas Annual Conf.	Oct. 19-21
<i>San Antonio, Texas</i>	
AISI COFS Meetings	Oct. 24-25
<i>Orlando, Florida</i>	
CFSEI Florida Chapter Inaugural Meeting	Oct. 25
<i>Orlando, Florida</i>	
CCFSS Specialty Conf.	Oct. 26-27
<i>Orlando, Florida</i>	

CFSEI Initiates Florida Chapter

The Florida chapter of the CFSEI held their very first planning and organizational meeting on June 23 in Orlando. Representatives from Alpine/TrusSteel, the Light Gauge Steel Engineering Group, Scosta Corporation, Aegis Metal Framing, the American Iron and Steel Institute, the Steel Framing Alliance, and other interested parties attended, and worked out a plan for recruiting members, volunteers, and starting quarterly technical meetings in October.

The first organizational meeting will be this Tuesday, October 3, from 5-6 pm, in the Tampa Convention Center, immediately after the CFSEI technical meetings. This will be in conjunction with METALCON, on the lower level of the convention center, in rooms 5 and 6. CFSEI Board Member Dave Dunbar is spearheading this effort, and will chair the meeting.

The first Florida Chapter technical pre-

sentation meeting will be Wednesday, October 25, at the Rosen Center Hotel in Orlando, from 5 pm – 7:00 pm. Eric Jacobson of Consolidated Systems, Inc. and Harry Collins of Collins Consultants, Inc. will be giving a presentation on the use of steel framing with steel deck systems: for both roof and floor construction; composite and non-composite. This informative presentation will provide one professional development hour for registered engineers. CFSEI president Ben Schafer and Secretary and Staff member Don Allen will be on hand to say a few words about the new organization and the future of steel framing in Florida, and hors d'oeuvres will be served. Registration for this meeting will be available both at METALCON and online at www.cfsei.com. This meeting will be immediately after the

Continued on page 9

Chapter News

Ian Robertson Presents Top Track Load Distribution Data to Hawaii Chapter

On August 10, Dr. Ian Robertson presented his research on the load bearing built-up top tracks used as a load distribution member on many cold-formed steel framed projects. Dr. Robertson is a Professor at the Department of Civil and Environmental Engineering, University of Hawaii at Manoa. His research included combinations of stud and track, with some of the stud members punched, and some unpunched. He showed the capacities of the different systems with common types of loading. These top plate members are often used where it is incon-

venient or impractical to provide alignment framing between wall studs and roof or floor members bearing above. By using built-up sections of common stud and track sections already used in the field, the use of alignment framing and in some cases headers may be reduced. For additional information on this presentation and Dr. Robertson's research, contact Mardie Torres at mrtorres@hawaiiisteel.com.



Mark Crawford discusses corrosion in Hawaii. L-R: Mike Kasamoto, Bobbie Kane, Howard Lau, Les Nagata

Mid-rise Presentation in Atlanta

On July 25, Don Allen gave a presentation on Mid-Rise Structures to the Atlanta/Southeast chapter of the CFSEI. This is an abridged version of the all-day presentation he will give with Mitch Hughes, P. E. of Differential Solutions, Inc. and Steve Walker, P. E. of the Light Gauge Steel Engineering Group. The full mid-rise presentation will be on Monday, October 2, listed as program SP1 on the METALCON website. At the Atlanta presentation, Allen also handed out an award to John Lyons, P. E. of Walter P. Moore and Associates. Lyons was recognized for his contributions to the CFSEI over the years, and in particular for his service on the CFSEI Board of Directors.

Mark Crawford Discusses Corrosion at Hawaii Chapter

The CFSEI-Hawaii Chapter held a joint membership meeting with Structural Engineers Association of Hawaii & the Hawaii Pacific Steel Framing Alliance on May 24th in Honolulu. The featured speaker was Mark Crawford, vice president of engineering of Simpson Strong-Tie. Mr. Crawford discussed his research of various chemicals used in pressure-treatment of lumber, how these treatments react with galvanized steel, and protection options in real world applications.

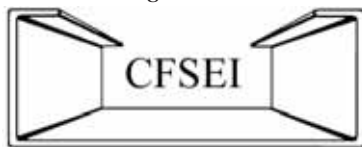
Mr. Crawford is nationally recognized for his research on galvanized steel in contact with various preservative lumber treatments and the effects these treatments have on the steel members. The presentation was well received by members of all three groups involved. Hawaii chapter president Tim Waite commented that presentations have been very successful when partnering with organizations such as the local Structural Engineers Association and local steel framing groups such as the Hawaii Steel Alliance. The Steel Framing Alliance currently has a document



John Lyons (right) receives LGSEA Service Award from Don Allen in Atlanta.

Continued on page 8

Newsletter for the Cold-Formed Steel Engineers Institute



A Council of the Steel Framing Alliance

Newsletter Editor: Ray Grage

Membership Information

To receive the CFSEI Newsletter, Technical Notes, and other benefits of the CFSEI, call toll-free:

866-GO-LGSEA (866-465-4732).

www.CFSEI.com

The CFSEI Newsletter is published by CFSEI

The statements and opinion contained in this publication are those of the contributors and not necessarily of the Cold-Formed Steel Engineers Institute, a Council of the Steel Framing Alliance, nor the contributor's employer or professional association. This publication is intended to provide a forum for the exchange of relevant information in the industry and the information is made available with the express understanding that the publisher does not render technical services. All technical matters should be evaluated by a qualified engineer before being relied on for any particular situation.

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News Briefs

ICC Evaluation Service Industry Advisory Committee Holds First Meeting; CFSEI Member Elected President

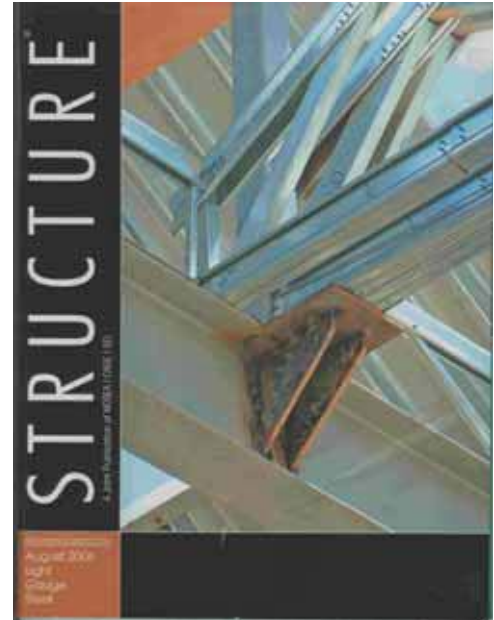
On Tuesday, September 19, the International Code Council Evaluation Service (ICC ES) held the first meeting of their Advisory Committee. 18 of the 20 committee members attended, with several ICC ES staff and guests in attendance. CFSEI Secretary Don Allen attended, on behalf of the Steel Stud Manufacturers Association and as a representative of the steel framing industry. The other CFSEI member on the committee, Mark Crawford of Simpson Strong-Tie, was elected as chairman of the group as the first order of business, based on a nomination by Allen. Crawford stated, "I have a significant interest in the Evaluation Service's performance, and I am pretty familiar with their process and people. I am pleased at the opportunity to serve this group." For additional information on the progress of the committee, contact Don Allen at dallen@lgsea.com.



Mark Crawford

bers, Rack and Frame Structures, Design Standard and Design Guide Development, Building Roof Systems, Wall Studs and Wall Stud Assemblies, and Connections.

In conjunction with the conference, the American Iron and Steel Institute Committee on Framing Standards (AISI/COFS) will hold a series of meetings on October 24-25 at the same hotel. The Florida chapter of the CFSEI will have their initial technical meeting on the evening of October 25, from 5:00 – 6:30 pm, with a presentation by Eric Jacobson and Harry Collins (see related article on kickoff of Florida CFSEI chapter.) To make room reservations at the host hotel, the Rosen Centre (9840 International Drive, Orlando, Florida) call either the hotel directly at 407-996-9840 or the toll-free reservation line at 800-204-7234. Be sure to mention the University of Missouri-Rolla to receive the group discount rate. To register for the conference, contact Ms. Christina Stratman at 573-341-4471 or ccfss@umr.edu.



Cold-Formed Steel Featured in August Issue of STRUCTURE Magazine

The recent August, 2006 issue of STRUCTURE magazine featured several articles on cold-formed steel, as well as a cover photograph of cold-formed steel trusses bearing on structural steel supports. Articles included

- Innovative Blast Resistant System

Continued on page 7

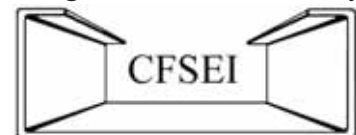
International Specialty Conference Coming to Orlando October 26-27

The Wei-Wen Yu Center for Cold-Formed Steel Structures (CCFSS) will sponsor the 18th International Specialty Conference on Cold-Formed Steel Structures. This biannual conference will be held at the Rosen Center hotel in Orlando, and feature research from Australia, Canada, Europe, the United States, Brazil and other locations around the world. The two-day conference is divided into nine technical sessions: Element and Cross Section Behavior, Flexural Members, Floor Joists and Floor Joist Assemblies, Compression Mem-

Welcome to the Steel Framing Alliance Family!

The team at SFA welcomes CFSEI members and staff. Thank you for supporting the steel framing effort and community!

As members of the steel framing community, you understand the need for good, experienced designers, and having the resources you need to get the job done. The SFA is committed to supporting the engineers that make up the CFSEI, as well as providing products and services that support the goals and mission of the CFSEI. Welcome aboard!



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Steel. The Better Builder.

CFSEI Mission: To enable and encourage the efficient design of safe and cost effective cold-formed steel (CFS) framed structures.

CFSEI President's Corner

By Ben Schaefer

Transparency. When I talk with CFSEI members, one of the issues they highlight is that they would like to better understand the CFSEI Board, and how things are operating in the new CFSEI/SFA structure. Let me do my best to shed some light on what CFSEI and the CFSEI Board are up to. Since being elected as your President I have been focused on increasing productivity. To help in this, each Board member has, for this year, committed themselves to focusing on a particular area. These areas were developed in individual discussions between myself and the current Board and are intended to align with CFSEI needs and Board member interests.

The selected areas and the Board member "champions" are as follows:

- outreach to SEAs (Wei Pei),
- long-term and strategic planning (Tim Waite),
- development of a Florida chapter (Dave Dunbar),
- newsletter and online training (Dick Layding),
- marketing (Jeff Klaiman),
- web site development (Jeff Ellis), and
- technical note development (Ben Schaefer).

A concentrated effort to reach out to the nation's Structural Engineering Associations began with a plan developed by past-President Wei Pei (weipei@weipeistructural.com). Wei's beginning focus is on how CFSEI can better work with SEAOC. In addition, staff member Don Allen has drafted a letter that will soon be sent to an SEA contact list informing them of the resources that CFSEI can make available for their meetings and education plans. If you are involved in a local SEA group, or related ASCE-SEI group, and interested in bringing cold-formed steel education to those groups please let Wei or staff member Don Allen (dallen@steel framing.org) know.

The change in CFSEI from a standalone association to an Engineer's Council of the Steel Framing Alliance (SFA) has presented many opportunities, but at the same time has created as many questions for the Board as it has answers. Now is the time for CFSEI to determine what its plans for growth and productive work in this new SFA structure

truly are. Tim Waite has been spearheading this long-term planning effort which culminated in a two-day retreat at Johns Hopkins University on August 15th and 16th to develop a strategic plan for the CFSEI. Expect changes! Controversial items under sincere discussion included changing the name of the organization, how to best coordinate the national CFSEI with the local chapters and alliances, and many other hot issues. This strategic planning session was raucous and interesting, and the Board came out of the exercise with a clear vision of what the new CFSEI/SFA union really means for our organization and its members, and how to utilize the new strengths and resources available to the membership.

Where should CFSEI grow? Based on a study of our current membership the most obvious choice is Florida. Dave Dunbar (ddunbar@trussteel.net) has agreed to champion this effort. The timing is right, as a number of exciting activities will be occurring in Florida this year and these will surely serve as an additional catalyst. Florida engineers have METALCON, the AISI-COFS meetings, and the Center for Cold-Formed Steel Structures International Specialty Conference on Cold-formed Steel all occurring in Florida in the Fall of 2006 to look forward to! Anyone interested in aiding this effort should contact Dave. Everyone on the Board is excited about bringing the cold-formed steel engineering community together in Florida.

This newsletter is an important vehicle for CFSEI to communicate to its members. It is fair to say that CFSEI has experienced some challenges in providing you with a timely newsletter in a consistent fashion. Board member Dick Layding is working with CFSEI staff and volunteers to provide a new plan for the operation of the newsletter. Dick is also strongly interested in educational efforts and is leading the charge for CFSEI to have more online educational



CFSEI President Dr. Ben Schaefer of Johns Hopkins University takes a break during the board strategic planning meeting in August.

materials. Dick (dlayding@nuconsteel.com) would welcome your comments on any of these topics.

The board is keenly aware that the current CFSEI does not have a coherent marketing plan. Jeff Klaiman is championing the Board's efforts to develop such a plan and to make it clear to those both inside and outside of the cold-formed steel community what CFSEI has to offer. Jeff and the Board envision that CFSEI marketing will more readily be focused after the August strategic planning mission spearheaded by Tim and discussed above. If you have particular thoughts on how CFSEI marketing should work, email Jeff (jklaiman@adtekengineers.com).

Hopefully by now you have had a chance to visit www.cfsei.com, our society's website. Thanks to the leadership efforts of Jeff Ellis and the hard work of CFSEI staff, notably Rose Kuria, the CFSEI web site has been significantly improved and revamped. In the long term I envision the web site as being the primary vehicle for CFSEI to deliver useful and timely solutions to its members. Under development at the web site are additional online courses, and a forum for direct member exchange on questions related to cold-formed steel framing. Jeff is incredibly receptive to new ideas, and all of the improvement to date reflect that.

Continued on page 8

Schedule of Key Events for CFSEI Members at METALCON:

CFSEI/CFSEI* Meetings:

Tuesday, October 3:

- 3:00 pm – 3:30 pm: LGSEA to CFSEI Transition Discussion
- 3:30 pm – 5:00 pm: LGSEA/CFSEI Committee, Task Group, and Tech Note Discussion
- 5:00 pm – 6:00 pm: LGSEA/CFSEI Florida Chapter Kickoff and Reception
- 6:00 pm – 8:00 pm: LGSEA/CFSEI Board of Directors meeting

Wednesday, October 4:

- 9:00 am – 12:00 noon: LGSEA/CFSEI Technology Development Committee meeting
- 6:30 pm – 7:30 pm: Steel Framing Alliance Fall Forum: Marriott Waterside Hotel

Framing related Educational Sessions

(note: all sessions require a fee; see www.metalcon.com or register on-site):

Monday, October 2:

- 8:00 am – 5:00 pm: SP1: Cold-Formed Steel Mid-Rise Construction, presented by: Don Allen, LGSEA/CFSEI; Mitch Hughes, Differential Solutions, Inc.; Steve Walker, Light Gauge Steel Engineering Group

Tuesday, October 3:

- 8:30 am – 10:00 am: TU06: Code of Standard Practice for Cold-Formed Steel Structural Framing, presented by: Jeff Klaiman, ADTEK Engineers; Jay Larson, American Iron and Steel Institute
- 8:30 am – 10:00 am: TU05: Getting Specified: Strategic versus Tactical, presented by Johan Cronje, TrusSteel
- 10:15 am – 11:45 am: TU11: Fire and Sound Issues with Cold-Formed Steel Framing, presented by Robert Wills, American Iron and Steel Institute
- 10:15 am – 11:45 am: TU12: Cold-Formed Steel and Concrete Construction, presented by Lionel Dayton, BKBM Engineers

Wednesday, October 4:

- 8:30 am – 10:00 am: WE17: Diaphragm and Shear Walls in Steel Framing, presented by Jeff Ellis, Simpson Strong-Tie
- 8:30 am – 10:00 am: WE18: Cold-Formed Steel Framing for the Conventional Builder, presented by Danny Feazell, Premium Steel Building Systems, Inc.; Nader Elhadj, National Association of Home Builders Research Center; and Ernie Casados, Steel Framing Alliance
- 10:15 am – 11:45 am: WE23: Cold-Formed Steel Design by the Direct Strength Method, presented by Ben Schafer, CFSEI* President
- 10:15 am – 11:45 am: WE24: New Tools, Fasteners and Connectors for Cold-Formed Steel Framing, presented by Maribeth Rizzuto, Steel Framing Alliance

Thursday, October 5:

- 8:30 am – 10:00 pm: TH29: A Case Study – Steel Framed Construction in Europe, presented by Pierre Bourrier, President, LSK; and Miguel Bretones, Technical Director, LSK (LSK is the CFSEI of Europe)

Show Floor Hours:

Tuesday, October 3: Noon – 6:00 pm

Wednesday, October 4: Noon – 6:00 pm

Thursday, October 5: 10:00 am – 3:00 pm

**CFSEI stands for Cold-Formed Steel Engineers Institute: the new name for LGSEA.*

CFSEI Web Site: The Engineer's "Must Have" Resource !

As many of you may have seen by now, the Cold-Formed Steel Engineers Institute Web site has been redesigned and re-organized and may be seen at www.cfsei.com. Although several areas of the Web site are accessible to non-members, CFSEI membership will allow full access to all sections of the CFSEI Web site as well as the SFA Web site. A lot of effort by many people, including experts in the field of cold-formed steel design and construction, have contributed to the new look and all the resources available on the Web site.

The layout is as clean and simple as possible, easy to navigate, and has multiple resources that are easily found and literally at ones "fingertips". The CFSEI Web site is where you'll find the latest technical information, tips, education, and information on upcoming industry events. As it states on the home page, the Web site is the "must-have technical and professional resource

for designers of cold-formed steel structures!"

There is a tremendous amount of information regarding cold-formed steel design that is accessible on this Web site including technical notes, design guides, testing information, newsletters, FAQs, a question forum, construction details, an CFSEI engineer search, and publication offerings. The technical documents are organized by general descriptions (such as shear walls and diaphragms, floor/roof trusses, fasteners/connections, etc) to make finding a particular document regarding a certain subject easier. Electronic versions of typical cold-formed steel construction documents may be downloaded to help with detailing projects and that may be used, if appropriate, in the designer's construction documents.

Also available on the Web site are the CFSEI newsletter, the SFA Gateway, and the SFA Framework publications that keep everyone up to date

on current industry knowledge inclusive of technical articles and examples, research and upcoming events. The "CFSEI Engineer Finder" is an easy way for other design professionals or others to quickly find an CFSEI engineer(s) for their cold-formed steel projects. In addition, there are several "Online Training" seminars that one may take at any time, at their own pace, to further their knowledge of CFS design and construction. You may find some areas of the Web site currently "under construction", but these will be up and running soon.

Users of the new Web site will quickly understand its benefits and will be able to quickly access information that will further their understanding of cold-formed steel design and construction. The resources found on the Web site will lead to quicker design time and well designed structures!



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COLD-FORMED STEEL ENGINEERS INSTITUTE

1201 15TH STREET, N.W., SUITE 320. WASHINGTON, D.C. 20005

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OUR WEBSITE HAS A NEW LOOK!

- CLEAN AND SIMPLE LAYOUT
- EASY TO NAVIGATE
- MULTIPLE RESOURCES

PLEASE TAKE A MOMENT
AND VISIT US AT

WWW.CFSEI.COM

THE INFORMATION AND RESOURCES
CONTAINED AT THE WEBSITE WILL HELP
YOU BETTER UNDERSTAND CFS DESIGN
AND INCREASE YOUR PROFITABILITY!



THE REDESIGNED CFSEI WEBSITE

CONTAINS A MULTITUDE OF INFORMATION AND
RESOURCES REGARDING COLD-FORMED STEEL (CFS)
DESIGN SUCH AS:

- | | |
|--------------------------------|-------------------------|
| TECHNICAL DOCUMENTS | NEWSLETTERS/MAGAZINES |
| CONSTRUCTION DETAILS | COMMITTEES/TASK GROUPS |
| TESTING INFORMATION | EDUCATION OPPORTUNITIES |
| INQUIRY PAGE FOR CFS QUESTIONS | CFSEI ENGINEER FINDER |
| CURRENT HOT CFS TOPICS | PUBLICATION STORE |

ALSO LEARN MORE ABOUT THE BENEFITS OF CFSEI MEMBERSHIP

- DISCOUNTS ON PUBLICATIONS AND SEMINARS
- QUARTERLY NEWSLETTER WITH LATEST INDUSTRY DEVELOPMENTS
- CALENDAR OF UPCOMING EVENTS
- LISTING IN CFSEI ENGINEER FINDER
- ELECTRONIC DRAWINGS OF TYPICAL CFS DETAILS

News Briefs

Continued from page 3

using Cold-Formed Steel, by Don Moffett and Russ Norris (this was similar in content to the article on blast resistance in the October 2005 LGSEA Newsletter)

- Mid-rise Construction with Cold-Formed Steel, by Nabil Rahman and Michael Booth
- Cold-Formed Steel Framing Standards: Removing the Guesswork, by Roger A. LaBoube and Jay W. Larson
- Thermal Steel Stud Wall System by David Jeter

Several CFSEI member companies included advertisements in the issue, as well as an advertisement for the CFSEI on page 56. The November issue of STRUCTURE magazine will again carry an article on cold-formed steel framing: but this time, a history of the use of the material for structural applications in North America. The CFSEI will again advertise.

Structure magazine is distributed to active members of Structural Engineers Associations, ASCE Structural Engineering Institute members, and members of CASE: the Council of American Structural Engineers. For more information on subscribing or advertising, go to www.structuremag.org.

Wei-Wen Yu Center for Cold-Formed Steel Structures to Provide Regular Contributions to STRUCTURE Magazine

At the annual meeting of the Steering Committee of the Wei-Wen Yu Center for Cold-Formed Steel Structures (CCFSS,) Dr. Roger LaBoube, Director of the Center, led a discussion for the potential for an agreement with STRUCTURE magazine for regular contributions to the publication by the center and its sponsors. Subsequently, the Center and STRUCTURE have finalized terms of this agreement. The Center will serve as the point of contact with the magazine editor, and will identify primary authors for the articles. Article topics will rotate among the CCFSS sponsors. These sponsors include the American Iron and Steel Institute, Metal Construction As-

sociation, Metal Building Manufacturers Association, Rack Manufacturers Institute, Steel Deck Institute, and Steel Stud Manufacturers Association. The first article will appear in early 2007, from the Steel Stud Manufacturers Association. According to Greg Schindler, member of the editorial board, The Center can expect approximately one article per quarter to appear in the publication. According to Dr. LaBoube, "I believe this is an excellent opportunity to raise the level of awareness for cold-formed steel structures and the industry as a whole." Articles of case studies of designs that used cold-formed steel members are needed. If you are willing to write a one-page case study article pertaining to your application of cold-formed steel or for additional information, contact Roger LaBoube at 573-341-4481 or laboube@umr.edu.

CEMCO and Marino\Ware Announce Joint Venture

California Expanded Metal Products Company (CEMCO) and Marino\Ware announced an alliance to create a joint venture for manufacturing cold-formed steel framing and metal-lath systems. Named Expedius, the new alliance will capitalize on both company's multiple locations to create a national presence. CEMCO produces materials from plants in Los Angeles, Denver, and Pittsburg, California. Marino\WARE has similar facilities in Atlanta, Chicago, Houston and South Plainfield, New Jersey. More information about the Expedius alliance is available at each company's website: www.cemcosteel.com/expedius or www.marinoware.com/expedius. Engineers and architects can still specify products from both manufacturers, using the SSMA standard designator system.

Steel Framing Alliance Announces Publication of Nine Research Reports

The research team of the Steel Framing Alliance recently reported that nine (9) research reports are now available and posted

in the websites of Steel Framing Alliance (www.steel framing.org), American Iron & Steel Institute (www.steel.org) and Wei-Wen Yu Center for Cold-Formed Steel Structures (campus.umr.edu/CCFSS). The reports completed include the following: RP03-3: Testing of Steel Single L-Headers, RP03-4: Hybrid Wood and Steel Sole Plate Connection Walls to Floors Testing Report, RP03-5: Cold-Formed Steel Top Load Bearing Tracks, RP03-6: The Strength of Stiffened CFS Floor Joist Assemblies with Offset Loading, RP03-7: Estimating the Response of Cold-Formed Steel Frame Shear Walls, RP05-2: Cold-Formed Steel Gable End Wall Design Using the Prescriptive Method, RP05-3: Cold-Formed Steel Walls with Fiberboard Sheathing – Shear Wall Testing, RP05-4: Experimental Evaluation of the Strength and Behavior of Cold Formed Steel Top Track Systems, and RP06-1: Galvanized Steel Framing for Residential Buildings. CFSEI members can access these reports by logging on to the CFSEI website. From the bottom of the page, go to the SFA members only section. From the SFA page, members may click on Members Only > Research Reports, to download these and other reports.

Structural Engineers World Congress to be Held Nov. 4-9 in Bangalore, India

The Structural Engineers World Congress 2007 (SEWC) will be held in Bangalore, India, in November 2007. SEWC was formed to bring Structural Engineers from around the world under one venue every four years. The first SEWC, held in San Francisco in 1998 was attended by more than 1500 delegates from all over the world. The next was held in Yokohama, Japan during 2002.

This Third World Congress provides a unique opportunity for structural engineers from all over the world to interact with each other, listen to the top structural engineers of today and further develop fellowship and explore business interests in the ever expanding global marketplace. Visit www.sewc2007.org for more details about the World Congress and associated events.

CFSEI Exhibits at Structural Engineers Association Conferences

During the week of September 11, the CFSEI was represented at two different conventions of Structural Engineers Associations. The first was the annual convention and meeting of the Structural Engineers Association of California (SEAOC) held at Long Beach, September 13-16. Former CFSEI President Wei Pei led the effort, along with board member Jeff Ellis of Simpson Strong-Tie and Fernando Sesma of California Expanded Metals Company (CEMCO). Attended by over 400 engineers, the conference is the largest of its type in North America, and this year had the biggest turnout in their history. SEAOC is both the largest and most active Structural Engineers Association. Each of its four member groups sent representatives to the meeting: Structural Engineers Association of Northern California, Structural Engineers Association of Southern California, Structural Engineers Association of San Diego, and the Structural



Fernando Sesma (L) and Wei Pei help represent the CFSEI at the Structural Engineers Association of California meetings, September 13-16.

Engineers Association of Central California. Pei, and the California Steel Framing Alliance (CASFA) are working to develop a closer relationship with each of these Structural Engineers Associations, as well as CFSEI chapters in key areas in California. With an organizational meeting last spring for CFSEI, CASFA has big

plans for the special needs of the California market. The Steel Framing Alliance has recently hired a Field Technical Representative for California as well: Todd Setter. Todd will be primarily working with builders, although his efforts may extend to engineers, architects, and specifiers as projects dictate.

The second conference that same week was the National Council of Structural Engineers Associations (NCSEA) annual meeting and conference in Salt Lake City, Utah. Bill Kraft represented the CFSEI at the trade show, and representatives from more than 40 NCSEA member organizations were in attendance. Kraft reported that there was a keen interest in the recently developed code-adopted standards and design guides, and that many structural engineers picked up applications to join the CFSEI. Plans are to exhibit again at both NCSEA and SEAOC in 2007.

CFSEI President's Corner

Continued from page 4

Email him with your thoughts about the website (jellis@strongtie.com).

CFSEI Technical Notes are the lifeblood of CFSEI and we think the most valuable benefit of CFSEI membership. As Chairmen of the Technical Review Committee (see the last issue of the Newsletter for more on that) it was natural for me to try to help in the development of CFSEI Technical Notes. Approximately 1 year ago all the existing CFSEI Technical Notes were reviewed to determine a plan for their renewal. In addition, a long list of new Technical Notes has been drawn up. With the help of Don Allen, and a consultant, Roger Wildt, things are improving, but much work remains! Currently 12 Technical Notes are under development and in various stages of completion (from 10 to 90% complete). Two additional notes have had a first review by the Technical Review Committee and were sent back to the authors for further improvement. I believe the quality of the CFSEI Technical Notes in development is impressive and

exciting – but we are definitely still working on getting them to you faster.

These are only some of the efforts currently underway at your CFSEI. If you have comments or thoughts on any of these issues I certainly encourage you to share them

with the newsletter and with me personally (schafer@jhu.edu). I am excited about what CFSEI can offer the cold-formed steel engineering community and I look forward to continuing to increase our efforts to meet the needs of our community.

Chapter News

Continued from page 2

for builders and specifiers called “Issue Paper on Pressure Treated Wood and Steel Framing,” available as a free download from the SFA website. Click on “About Steel Framing > Issue papers” for document download from www.steel framing.org.

Atlanta/Southeast Chapter Sponsors Truss Forum

On September 14th, the CFSEI Atlanta/Southeast chapter sponsored a “truss forum” in Atlanta. According to chapter president Eric Jacobson, there was very high interest in this

topic, and good participation in the meeting. Presentations were made by David Dunbar of Alpine/TrusSteel, Tom Valvo of Aegis Metal Framing, Marty Hortman of Metalite, Mitch Hughes of Differential Solutions, Chapter President Eric Jacobson, and others in the steel truss and component community. John Lyons of Walter P. Moore and Zsolt Némédi of Z Engineering provided additional support and presentation material. Thanks to all at the local chapter that helped to make this presentation a success. The next scheduled meeting of the Atlanta/Southeast chapter will be a presentation by Mitch Hughes on Computer Aided Design of Cold-Formed Steel on Thursday, December 14.

WTCA Creates Cold Formed Steel Council

In mid July, WTCA announced the formation of its Cold Formed Steel Council (CFSC). Comprised of steel component manufacturer members of WTCA, CFSC will focus on protecting and advancing the structural building component industry with a special emphasis on steel component manufacturing issues.

"This will be the most beneficial move the cold formed steel business has seen," said Joe Odgers, Sales Manager for Bama Truss & Components, Inc. and CFSC co-chair. "Creating the council and working with WTCA offers members the opportunity to participate in key WTCA committees, network with component manufacturers on common issues, and have access to tools and resources for steel component manufacturers that are unprecedented."

The goal of CFSC (and WTCA) is to create a fence of protection around com-

ponent manufacturers through risk management and education. The new council will offer a host of services that build off of the work that the structural building component industry has been working on including: risk management tools; Technical Notes providing assistance on building codes, professional engineering laws and design responsibilities; the annual Building Component Manufacturers Conference; the SBC Legislative Conference; approved insurance broker programs, and coverage of steel-related issues in Structural Building Components Magazine. New services that will soon be available include: online training; steel-focused Building Component Safety Information (BCSI) series publications; and an In-Plant CFSC Quality Control program.

"The time is right to start CFSC," said Odgers. Outlining the united front the in-



dustry now has on key issues that face all component manufacturers, he added, "the market has matured over the past few years, and the cold formed steel business is here to stay. Being a wood and steel component manufacturer, we know intimately that our business is not a wood versus steel business; it is truly a component manufacturing business. Wood components and steel components are very complementary product lines for us—we're really all simply in the building component business."

For more information on the CFSC, contact WTCA at 608/274-4849.

LGSEA Changes Name to CFSEI: Cold-Formed Steel Engineers Institute

Continued from page 1

serve the engineering community."

According to Schafer, "Any change in the name of an organization is difficult and the Board underwent significant discussion on this item. It had become impossible to satisfy all constituents by leaving the name alone, while at the same time no consensus existed for changing to any particular new name." Ultimately, the Board unanimously chose to evolve the current name.

"The new name reflects a direct evolution of the organization. Replacing the phrase 'Light Gauge' with 'Cold-Formed' reflects the modern language of standards, technical documentation, and the technical engineering literature and brings the engineering group in closer alignment with partner organizations. Replacing the word 'Association' with 'Institute' reflects the changed nature of the organization since aligning with the Steel Framing Alliance." Since the LGSEA no longer operated as a stand-alone association, the Board felt it was somewhat disingenuous to keep the term "Association" in the name. The term "Institute" best denotes the organization's status and intended vision. Branding, marketing, etc. of the new name are captured as items in the CFSEI operating plan, also developed by the board during and after the August retreat.

Even before the name change, several

aspects of the organizational changes have been evident. Spearheaded by LGSEA Vice President Jeff Ellis and staff Webmaster Rose Kuria, the updated web page has made it easier and faster for engineers to find the information they need. And new in September 2006, the "engineer finder" function on the page is now up and running, as well as the Forum, where technical questions and answers may be supplied by members and non-members alike.

LGSEA materials will still be available both online and by calling 866-GO LGSEA toll-free. The current web page is linked to both www.lgsea.com and www.cfsei.com. As the transition is made over the next few weeks and months, the CFSEI logo will begin to appear on new documents and publications as they go through the technical review process. Members will be apprised of the status of the transition both online and in electronic and paper news updates and technical documents. According to Allen, "this will be the last of the LGSEA newsletters as we know it. The transition is being made to a more frequent, less in-depth electronic version, with technical exchange articles still being issued on a regular basis, but separate from a newsletter insert." Note that all articles in this newsletter refer to the organization as CFSEI; future issues, articles, and web documents will continue to re-

fect the transition to CFSEI.

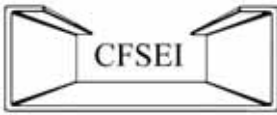
Members interested in the transition can direct questions to either the CFSEI headquarters office at 202-785-2022, or to CFSEI Secretary Don Allen at dallen@steel framing.org.

CFSEI Initiates Florida Chapter

Continued from page 1

American Iron and Steel Institute Committee on Framing Standards (AISI/COFS) meeting in the same hotel. Note that AISI/COFS meetings are open to interested parties; for additional information about these meetings contact Jay Larson at jl Larson@steel.org. On the two days following the meeting, the Wei-Wen Yu Center for Cold-Formed Steel Structures (CCFSS) will be sponsoring the 18th International Specialty Conference on Cold-Formed Steel Structures (see news briefs article, page 3.) For more information about the Florida chapter, including meetings, officers, activities, and volunteer opportunities, keep checking the CFSEI website at www.cfsei.com. For specific information, contact CFSEI Secretary Don Allen at dallen@steel framing.org, or Board representative David Dunbar at ddunbar@trussteel.net.

Cold-Formed Steel Engineers Institute



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