

Webinar — Noon(PDT) Thursday, June 23, 2011

Sustainable Case Studies: Structural Engineering Innovation from Southern California

Abstract: Real examples of sustainable structural strategies that go beyond cement replacement.

Topics: Culver City Warehouse Conversion Project, where structural engineers used creative engineering to transform an existing warehouse into useable space; the CalTech Lynn Robinson Building; the Wildcat Glades Conservation and Audubon Center, a structure with a green roof supported in an innovative way; solar chimneys at King Abdullah University of Science and Technology (KAUST), which harness the desert heat and amazingly cool public spaces passively; and Sustainability in Single-Family Homes.

Presenters: James Tauscher, Project Engineer, Palos Verdes Engineering; Diane Park, P.E., LEED AP, Structural Focus. Matthew Timmers, John A. Martin & Associates; Raquel Ranieri, P.E., LEED AP, Walter P Moore, who serves on the ASCE-SEI Sustainability Committee and as the Los Angeles Local Leader in Walter P. Moore's Sustainability Community of Practice; Patti Harburg-Petrich, P.E., LEED AP, Walter P Moore, chair of the SEAOSC Sustainable Design Committee and member of WPM's Sustainability Community of Practice.

To register, go to http://www.seaosc.org/seaosc_webinars.cfm.

Cold-Formed Steel Design & Construction Seminar To Be Held 8am-5pm Saturday, June 11

CFS Design Using AISI S100 by Roger LaBoube, Ph.D., PE. CFS design and behavior including changes in the new 2007 AISI adopted by the 2009 IBC. Member, brace and connection design. Comparison of cold-formed and hot-rolled steel.

Lateral Design Using AISI S213 by Jeff

Ellis, SE, Simpson Strong-Tie. Lateral systems for cold-formed steel construction. Wind and Seismic loads and load paths and lateral force resisting systems.

CFS Detailing & Construction by Bruce Ward, Sunrise Construction Specialties.

A quick history of the cold-formed steel

(Continued on Page 2)



President's Message

By Jeff Crosier, S.E.

A look Ahead

This will be my final President's message before we change the guard as of July 1. As I look back on this past year I am grateful and impressed with achievements made. I would say that our successes include: SEAOSC becoming a world leader in production of high quality, value-oriented lunchtime webinars, the SEAOSC ad-hoc wind committee quickly responding to the LA County wind ordinance, advancing the practice of wind engineering in Southern California and providing an advanced wind

study that provided accurate wind data for engineers and public officials in the LA basin, leading to a formal repeal of the 100 mph ordinance. SEAOSC members have contributed greatly in the past year with earthquakes around the world and have brought those lessons learned back home where an increased sense of vulnerability has become apparent due to comparisons with observed performance and comparisons to our own building stock.

Seismic and Structural Safety

The earthquakes of 2010 and 2011 from Haiti, Chile, Baja California, Christchurch and Japan have certainly had an effect on not only our members who have participated either through USAR teams, damage assessment groups, or reconstruction engineer-

(Continued on Page 2)

L.A. Dinner Meeting

Wednesday June 1

Program: Director & Officer Installation, Presentation of Awards & Spouse Night

Location: Luminarias Restaurant, 3500 Ramona Ave. Monterey Park

Time: 5:30 p.m.-Social Hour (Hosted by John A. Martin & Associates) 6:30 p.m.-Dinner 7:30 p.m.-Program

Menu: Beef entrée (Vegetarian available if requested by Noon, May 31)

Cost: \$35 (Full-time students: \$15)

(See blue insert for reservation form and details.)

Table of Contents:

Photos of May Lunch Mtg at LA Live	pg 3
In Memoriam: L. LeRoy Crandall	pg 4
New Members	pg 4
SEAOSC Calendar	pg 5
Upcoming Events	pg 6
Seminar Registration Forms	
7+NCSEA News	pg 14

Visit our website:

www.seaosc.org

You can also follow us on:



President's Message

(Continued From Page 1)

ing. There have been numerous lessons from un-engineered buildings to highly engineered structures that will enter our practice. This past year's events have fortunately sparked a renewed interest in California in seismic safety and addressing our existing hazardous building stock.

SEAOC President Steve Pelham has recently represented the organization at an AB 300 hearing in front of State Senator Ellen Corbett as an advocate for seismic safety in schools. There has been much discussion about the safety of our older schools designed to earlier codes; there has been very little action. California certainly has the most advanced school structural design review and construction process, but many of our older Field Act compliant buildings will not perform to the same level as more recent buildings as the state of the art in seismic design continues to evolve. We must do better with these critical structures.

As mentioned in my last message, the push for a Structural Engineer's Practice Act is on. This effort will continue so please look to SEAOSC to lead and keep you informed of the progress. Continuing Education is another front that SEAOSC has an advocacy position on. This past year the ASCE Continuing Education Committee was not successful in finding support for legislation but the effort will continue.

New Venues

This year we gained the strength to let go of our traditional meeting place at Luminaria's to venture out into the City to meet at different places and at different times to enable participation of more members. In March and May we held lunch meetings at the J.W Marriott in downtown LA, participation has been strong. I know next year's board is looking to expand the choices even further. Stay tuned to the newsletter for more news through the summer as to the fall schedule of meetings.

Past, Present and Future

Over the past year, the current Board of Directors has been dedicated to the

service of the organization, so now it's time to express my strongest gratitude to the outgoing board members including: Jeff Ellis, S.E., Marty Hudson, P.E., Michelle Kam-Biron, S.E., Kevin O'Connell, S.E. and of course Past President Michael Cochran. Each of these directors has contributed greatly to the success of the organization and will be dearly missed. Jeff, Michelle, Kevin and Michael have been instrumental in getting the webinar program to the successful state that it is in and Marty has been a one man education machine on seismology, the new ground motions and anything else geotechnical related. It has truly been a pleasure to serve with each of them.

Coming on the board next year as first year directors will be: Doug Thompson, S.E. who will be Treasurer, then President Elect and then President, Casey Hemmatyer, S.E. will be our new Tri-Counties Director, both Larry Kaprielian, S.E. and Matt Skokan, S.E. will be Director's at large and Tim Kaucher, P.E. will be our C.E. Director for 2011-2013, welcome all.

Continuing on the board next year will be: Joe LaBrie, S.E. President Elect, Craig Chamberlain, S.E., Young Nam, S.E., Mehran Pourzanjani, S.E., Steve Dillon, P.E., and of course Janah Risha, S.E. your new President. I will also remain as Past-President.

It is with pleasure that I turn over the leadership of the organization to Janah, he will no doubt continue the excellence of the organization. I have made a great many valuable friends and colleagues over the years of involvement; I look forward to many more years of camaraderie, sharing of good technical expertise and friendships. I look forward to seeing you all at the June awards dinner meeting where we honor past presidents and recognize the contributions of our members to SEAOSC throughout the past year.

It has been an honor to serve as your President.

Cold-Formed Steel Design & Construction Seminar 8am-5pm Saturday, June 11

(Continued From Page 1)

industry, hardware installation in the slab, member stability and installation sequence, exterior cladding and fire requirements. Review of floor joist installation, roof framing options and pros and cons of cold-formed steel trusses versus joist framing with parapets. Panelization versus framed on-site and value engineering. Cold-formed steel to red iron interface and cold-formed steel in place of red iron.

For registration and more details, see insert or go to www.seaosoc.org.



May Lunch Meeting at LA Live!

About x people attended the May 4th LA Lunch Meeting at the JW Marriott LA Live in downtown Los Angeles. SEAOSC hopes that having some meetings downtown will make it more convenient for members in that area to attend. Other locations are being scouted as potential meeting sites to accommodate other area members.



Brendan Ramos tries the Sandwich Buffet.



David Cocke, Craig Chamberlain and Steve Dillon.

Jeff Ellis, Outgoing SEAOSC President Jeff Crosier and Kevin O'Connell



Chris Foster and Michael Cochran

**WELCOME,
New Members!**



Carpenter Jr., John J.; *Associate;*
Metropolitan Water District of Southern California; jcarpenter@mwdh20.com

Nero, Justen; *Industry Member;*
Structural Group, Huntington Beach; jnero@structuralgroup.com

Perazzelli, Joseph P.; *Member;*
Self-employed, Los Angeles; japerazzelli@msn.com

Zomorrodian, Melineh; *Associate;*
Structural Focus, Gardena; mzomorrodian@structuralfocus.com

In Memoriam

L. LeRoy Crandall (1917-2011)



Longtime SEAOSC Member SE LeRoy “Buzz” Crandall, 94, died Apr. 3 in Marina del Rey.

Mr. Crandall received a B.S. degree in civil engineering in 1941 from UC Berkeley. He founded LeRoy Crandall and Associates in 1954. During his career he pioneered the use of tied-back shoring in southern California, which made possible very deep excavations for new high-rise buildings after Los Angeles eliminated the 13-story height limit in the 1950’s. He was involved with the planning and development of the first base-isolated building in the U.S.: the Foothill Communities Law and Justice Center in Rancho Cucamonga near the San Andreas Fault.

During his working years, he came in early and left late nearly

every day. His business ethic was to “do the work right and don’t worry about the budget” because he believed that everything would work out in the end. He retired from Law/Crandall in 1999, which meant that he quit working on Saturdays and Sundays.

He encouraged participation in professional societies and in giving to the community. He was involved with SEAOSC and served on the Board of Directors of EERI, ASCE and the American Council of Engineering Companies. He helped establish the ASCE Technical Council on Lifeline Earthquake Engineering. An early supporter of the California Strong Motion Instrumentation Program, he was appointed to the California Seismic Safety Commission by Gov. Ronald Reagan and reappointed by Gov. Jerry Brown. The LeRoy Crandall Geotechnical Laboratory at the University of Southern California was established in 1994.

Mr. Crandall’s Oral History was published in 2008 by EERI.

Is your SEAOSC contact information current and up-to-date?

As part of your membership, SEAOSC maintains a searchable online database so members can contact other members as well as keep their own information current with SEAOSC.

If it’s been awhile since you last updated your online membership and company profile, please take the time to do so today. Additional business related information fields have been added since SEAOSC first put its database online in 2006. Don’t forget that the SEAOSC online database is how SEAOSC keeps in contact with you. If you don’t keep your mailing information (especially email) current, you may not receive your newsletter or other important Association ballots or mailings. If you have questions, call Executive Director Don Gilbert at (562)-908-6131 or email SEAOSC@seaosc.org.

SEAOSC Calendar



JUNE

1	3 pm	SEAOSC Board Meeting	Luminarias Restaurant, Monterey Park
	5:30 pm	LA Dinner Meeting	Luminarias Restaurant, Monterey Park
2	6 pm	Sustainable Design Com.	GoToMeeting
7	3 pm	Existing Buildings Com.	GoToMeeting
11	8 am	Seminar: Cold Form Steel	The Grand Event Center, Long Beach
18	9 am	SEAOC Board Meeting	Harbor Island Hilton Hotel, San Diego
25	8 am	Seminar: Concrete	The Grand Event Center, Long Beach
26	TBD	YM Board Meeting	TBD
28	4 pm	Foundations Committee	GoToMeeting

JULY

6	2 pm	New Director Orientation	SEAOSC Offices, Whittier
	3 pm	Board of Directors Meeting	SEAOSC Offices, Whittier
7	6 pm	Sustainable Design Com.	GoToMeeting
8	Noon	SEAOC Webinar: Concrete	Link Provided by SEAOC
12	3 pm	Existing Buildings Com.	GoToMeeting
13	5:30 pm	Tri-Counties Dinner Mtg.	Fourpoints Harbortown Hotel, Ventura
20	Noon	Newsletter Deadline: for September Issue	
	12:30 pm	Code Committee Meeting	SEAOSC Offices, Whittier
23	8 am	Seminar: Wood	The Grand Event Center, Long Beach
26	4 pm	Foundations Committee	GoToMeeting

SEAOSC ANNUAL EVENTS

- Feb. 2:** Student Awards Night Dinner
- February:** YM Field Trip to UCSD Englekirk Center
- Apr. 30:** Deadline to Submit Excellence in Structural Engineering Posterboards
- June 1:** Excellence in Structural Engineering Awards Dinner
- Aug. 3:** Field Day
- Sept. 22-25:** SEAOC Convention
- Oct. 21:** Annual Shakeout Event

Information regarding these events can be found on the SEAOSC website: (www.SEAOSC.org)



Next SEAOSC Newsletter Deadline: July 20 for September Issue



UPCOMING SEAOSC SEMINARS, WEBINARS & EVENTS

Mark your calendar now

Or Save This Page

Don't Miss Your Favorites

Topics and dates subject to change — for the latest seminar details and registration go to www.seaosc.org

Seminar: June 2, 2011 - Green Building Initiative: Green Globes® New Construction and Continual Improvement of Existing Buildings, Offices of John A. Martin & Associates

Seminar: Jun. 11, 2011 – Cold-Formed Steel Design & Construction, The Grand Event Center, Long Beach, 8 am - 5 pm

Webinar: June 23, 2011 - Sustainable Case Studies: Structural Engineering Innovation from Southern California

Seminar: June 25 - Concrete, The Grand Event Center, Long Beach

SEAOSC Field Day: Aug. 3

SEAOC Convention: Sept. 22-24 in Las Vegas

Seminar Registration How-To

Please go to www.seaosc.org for secure online registrations or use the enclosed registration flyers. Be sure to remember to log in to the website as a member to take advantage of SEAOSC's member benefit of member pricing. It is advised to register early to ensure a seat. Please note that confirmations will only be given to those people who register via the SEAOSC Website.

Member Reminders

Reminder: The SEAOSC Board of Directors works on the behalf of the SEAOSC membership. If there are general or specific items you would like to see the Board of Directors address or discuss, please contact any of the SEAOSC Board members. Constructive and appropriately worded responses will be published in the monthly Newsletter.

Recognition Corner

SEAOSC members don't receive as much recognition as they should for the work they do in their communities. SEAOSC wants to change that. Please contact the current SEAOSC President or Executive Director Don Gilbert if you know of a member who has contributed to their community so their contribution can be recognized.

SEAOSC Tradition

Just passed your CE or SE Exam? Then dinner is on SEAOSC! In recognition of members who pass the California Civil or Structural Engineering Exam, SEAOSC offers a free dinner at the following month's SEAOSC dinner meeting. Typically the State mails out passing notifications in January and July; thus, such free dinners will be offered at either the SEAOSC February or September Dinner meetings. Newly passed PE's and SE's should contact Don Gilbert at the SEAOSC office to make a reservation in advance of the dinner meeting.

**See Calendar,
page 5, for dates of
annual special events.**

Structural Engineers Association of Southern California

Los Angeles Dinner Meeting

Wednesday, June 1, 2011

Program: Past Presidents, Awards and Spouses Night Including Installation of Directors and Officers

Location: Luminarias Restaurant, 3500 Ramona Dr., Monterey Park

Time: Social time: 5:30 p.m., Dinner: 6:30 p.m., Program: 7:30 p.m.

Menu: Beef entrée. (Vegetarian meal available if requested by Noon, May 31.)

Cost: \$35 (Students: \$15.00)

Bar: Hosted by John A. Martin & Associates

Reservations: Make advance reservation before Monday May 31 or e-mail: seaosc@seaosc.org or via SEAOSC's web page at www.SEAOSC.org. SEAOSC is charged for "no-shows" so please notify office by deadline if you must cancel. Prepay by providing your credit card number and expiration date. "Walk-ins" welcome.

LOS ANGELES DINNER RESERVATION FORM: June 1

Reservations Due Before May 31

Name: (print) _____ Phone: _____

If paying in advance by credit card, circle type:



Yourself: 1 @ \$ _____ = \$ _____

Guests: _____ @ \$ _____ = \$ _____

TOTAL = \$ _____

Card number: _____ Expiration date: _____

Signature: _____ Pin (last 3-4 digits on back of card): _____

Address where you receive your credit card bill: _____ Zip Code: _____

Email Address: _____



SEAOSC Seminar —
CONCRETE!

Saturday, June 25, 2011 • 8 am - Noon
The Grand Event Center, Long Beach, California

Concrete Blue Book Paper

By Mehran Pourzanjani, SE, Saiful/Bouquet Structural Engineers,
Irvine, CA

Design of Post-Tensioned Concrete Slabs and Beams

By Dirk Bondy, SE, Seneca Structural Engineering, Inc., Laguna
Hills, CA

Design of External Post-Tensioning Systems

By Dirk Bondy, SE, Seneca Structural Engineering, Inc., Laguna
Hills, CA

Design and Detailing of Podium Slabs

By Brett Kaufmann, SE, Thornton Tomasetti, Irvine, CA



SEAOSC Seminar: **CONCRETE!**

Saturday, June 25, 2011

Registration: 7:30 am, Seminar: 8 am - Noon
(Includes breakfast and seminar notes.)

The Grand Event Center, 4101 E. Willow St., Long Beach, CA 90815

(Circle the amount applicable to your registration.)

Cost	Before June 18	After June 18
SEA Member	\$150	\$200
Non-member	\$300	\$350

Advance registration required no later than June 18.

Non-Members are encouraged to attend at Member rate by completing a membership application at www.seaosc.org before June 18. Attendees will receive four professional development credits.

Three ways to register:

❶ Register online at www.seaosc.org
(Members: Log in using Username and Password or Member Discount)

❷ Fax completed form with credit card information to (562) 692-3425.

❸ Mail Completed form with check made out to SEAOSC to 5360 Workman Mill Rd., Whittier, CA 90601.

Note: Confirmations will be issued in response to online reservations only.

Name

Phone

SEA Member Non-member

Fax

Credit Card Number

Expiration

Amount

Pin number (last 3-4 digits on back of card)

Legibly print name on credit card

Complete Billing address including zip code

Signature

SEAOSC Seminar

Cold-Formed Steel Design & Construction

Saturday, June 11th, 2011 - 8am - 5pm



• The Grand Event Center, 4101 E. Willow St., Long Beach, CA, 90815 •



CFS Design Using AISI S100

CFS design and behavior will be explored in this presentation with an emphasis on the changes in the new 2007 edition of the AISI North American Specification for the Design of Cold-Formed Steel Structural Members (D100-07), adopted by the 2009 IBC. Lecture topics will include member design, brace design and connection design. Example problems will be presented based on the AISI Cold-Formed Steel Framing Design Guide (D110-07). Also, to aid with developing an understanding of CFS, the similarities between cold-formed and hot-rolled steel will be highlighted.

Speaker

Roger A. LaBoube, Ph.D., P.E. is Curators Teaching Professor Emeritus of Civil Engineering and Director of the Wei-Wen Yu Center for Cold-Formed Steel Structures at Missouri University of Science and Technology (formerly University of Missouri-Rolla). Dr. LaBoube has been lecturing on CFS for over 30 years and has extensive industry and academic background related to the behavior and design of cold-formed steel structures. He has been a member of the AISI Committee on Specifications since 1980 and the Committee on Framing Standards (COFS) since its formation 12 years ago.



Lateral Design Using AISI S213

This presentation will discuss the different lateral systems for cold-formed steel construction. It will begin with a brief discussion of wind and seismic loads and cover load paths showing how loads are transferred to the resisting elements (shear walls) to the supporting elements (foundation). The various lateral force resisting systems typically used in cold-form steel construction will then be reviewed. Several examples will be presented from the CFSEI "Cold-Formed Steel Framed Wood Panel or Steel Sheet Sheathed Shear Wall Assemblies Design Guide" (CFS Shearwall Design Guide).

Speaker

Jeff Ellis, P.E., S.E., Code Report & Branch Engineering Manager for Simpson Strong-Tie Co., Inc. for the past 10 years, oversees company code report efforts and manages the engineering department for the southwest division. He was a practicing design engineer for commercial, residential and forensic projects for more than 9 years prior to joining Simpson at the end of 2000. He currently serves on the Board of Directors for the Structural Engineers Association of Southern California (SEAOSC) and is a past chairman of the AISI COFS Lateral Design Subcommittee as well as past president of the Cold-Formed Steel Engineers Institute (CFSEI).



CFS Detailing & Construction

This presentation will include a quick history of the cold formed steel industry from the 1960's to now, project conception, material and design choices. Also covered will be hardware installation in the slab, member stability and installation sequence, exterior cladding and fire requirements. It will continue with review of floor joist installation, roof framing options and pros and cons of cold-formed steel trusses versus joist framing with parapets. Panelization versus framed on site and value engineering will be discussed. The cold-formed steel to red iron interface and cold-formed steel in place of red iron will be explored.

Speaker

Bruce Ward, Sunrise Construction Specialties, has been involved in the cold formed steel framing industry and has been framing, manufacturing and performing panelization with cold-formed steel since 1968. He is a nationally recognized speaker with experience in steel framing including detailing, tools, fasteners, material sources as well as performing feasibility and related costs studies.

Registration and Sponsorship information on opposite side.

SEAOSC Seminar

Cold-Formed Steel Design & Construction

Saturday, June 11th, 2011 - 8am - 5pm



• The Grand Event Center, 4101 E. Willow St., Long Beach, CA, 90815 •

3 Ways to Register:

1. Register online at www.seaosc.org
2. Complete the information below and return via fax 562-692-2345
3. Mail completed form to: SEAOSC 5360 Workman Mill Rd., Whittier, CA 90601

Name: _____

Company: _____

Address _____

City: _____

Phone: _____

E-mail: _____

Credit Card: _____

Exp: _____ Visa _____ MC _____ AE _____

Registration cost before June 4th

Member - \$250 Non-Member - \$400

Registration cost after June 4th

Member - \$350 Non-Member - \$450

*Registration includes continental breakfast, box lunch and notes.

Non-Members are encouraged to attend at Member rate by completing a membership application at www.seaosc.org before June 4th. Attendees will receive 8 professional development credits.

Schedule

7:30-8:00am

Registration & Continental Breakfast

8:00-10:00am

CFS Design Using AISI S100
Roger LaBoube, Ph.D., P.E.

10:00-10:15am

Break/Exhibits

10:15-12:15pm

CFS Design Using AISI S100
Roger LaBoube, Ph.D., P.E.

12:15-1:00pm

Lunch/Exhibits

1:00-2:45 pm

Lateral Design Using AISI S213
Jeff Ellis, P.E., S.E.

2:45-3:00pm

Break/Exhibits

3:00-5:00pm

CFS Detailing & Construction
Bruce Ward

CFS Seminar Sponsorship Opportunities

Sponsor Registration - Cold Formed Steel Seminar - June 11th 2011

SEAOSC is proud to present an all day CFS design and detailing seminar and would like to invite you to be a sponsor. There will be several breaks in which the attendees are encouraged to review materials offered by our sponsors. The **\$500 sponsorship fee** will include a tabletop display space in the meeting area.

If you are interested in being a sponsor at this event, please register online at www.seaosc.org or fill out the information below and return via fax to 562-692-3425 or via mail to SEAOSC 5360 Workman Mill Rd., Whittier, CA 90601.

Name: _____ Company: _____

Address: _____ City: _____

State: _____ Zip Code: _____ Phone: _____

Fax: _____ E-mail: _____

Payment Options:

Check made out to **SEAOSC**
Send to: SEAOSC 5360 Workman Mill Rd., Whittier, CA 90601

Credit Card:
Visa Master Card AMEX

No: _____

Exp Date: _____

SEAOSC Seminar

Cold-Formed Steel Design & Construction

Saturday, June 11th, 2011 - 8am - 5pm



• The Grand Event Center, 4101 E. Willow St., Long Beach, CA, 90815 •

Attendee Registration

Register online at www.seaosc.org or at the door on the day of the seminar. Members log in using your username and password for member discount. Confirmation will be issued in response to online reservation.

Registration cost before June 4th

Member - \$250 Non-Member - \$400

Registration cost after June 4th

Member - \$300 Non-Member - \$450

* Registration includes continental breakfast, box lunch and notes.

Non-Members are encouraged to attend at Member rate by completing a membership application at www.seaosc.org before June 4th. Attendees will receive 8 professional development credits.

CFS Seminar Sponsorship Opportunities

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If you are interested in being a sponsor at this event, please register online at www.seaosc.org

Schedule

7:30-8:00am

Registration & Continental Breakfast

8:00-10:00am

CFS Design Using AISI S100
Roger LaBoube, Ph.D, P.E.

10:00-10:15am

Break/Exhibits

10:15-12:15pm

CFS Design Using AISI S100
Roger LaBoube, Ph.D, P.E.

12:15-1:00pm

Lunch/Exhibits

1:00-2:45 pm

Lateral Design Using AISI S213
Jeff Ellis, P.E., S.E.

2:45-3:00pm

Break/Exhibits

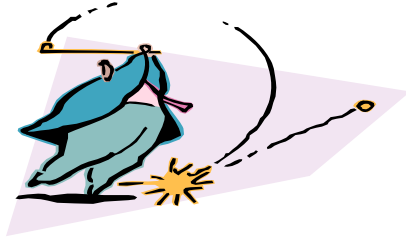
3:00-5:00pm

CFS Detailing & Construction
Bruce Ward



2011 SEAOSC GOLF TOURNAMENT

A portion of the proceeds will benefit the SEAOSC Scholarship Fund



COYOTE HILLS GOLF CLUB

1440 E. BASTANCHURY RD.
FULLERTON, CALIFORNIA 92835
(714) 672-6800

WEDNESDAY
AUGUST 3, 2011

11:00 A.M. – Check-in and hit balls on the driving range

12:00 P.M. – Shotgun Start (Scramble Format)

4:30 P.M. – Social Hour (No-host Bar)

6:00 P.M. – Dinner, Awards, and Raffle

GOLF AWARDS ~ DOOR PRIZES
\$10,000 Hole-In-One Prize
Prizes - Fun for Everyone!!!!

DON'T MISS OUT ON A DAY OF GREAT FUN!
SIGN UP TODAY!!!

(Please note early registration discount as golf course will release tee times that we can't fill so please register early)

SEE REVERSE SIDE FOR DETAILS AND SIGN UP SHEET

FIELD DAY CHAIRMAN: KEVIN O'CONNELL 310-323-9924
NOTE: THERE ARE LIMITED SHOWER AND LOCKER FACILITIES AVAILABLE

2011 SEAOSC GOLF TOURNAMENT

COYOTE HILLS GOLF CLUB
WEDNESDAY, AUGUST 3, 2011

GOLF

INCLUDES GREEN FEE, CART FEE, RANGE BALLS, BOX LUNCH, DINNER, DOOR PRIZE & 1 RAFFLE TICKET

CHECK-IN TIME 11:00 A.M.
SHOTGUN START AT 12 P.M. SHARP

FOURSOME REQUESTED

PHONE NUMBER

EMAIL ADDRESS

(Main Contact Above)

DINNER ONLY

INCLUDES DINNER, DOOR PRIZE & 1 RAFFLE TICKET

COCKTAIL SOCIAL HOUR AT 4:30 p.m. -- DINNER AT 6:00 p.m.

NAME

PHONE NUMBER

EMAIL



GOLF & DINNER @ \$175.00 PER PERSON
(For Entries Received on or before July 15, 2011)

LATE REGISTRATION @ \$225.00 PER PERSON
(For Entries Received After July 15, 2011)

DINNER ONLY @ \$55.00 PER PERSON

SUPPORT SEAOSC • BE A SPONSOR

Contact Kevin O'Connell for Sponsorship Opportunities

TOTAL ENCLOSED

SEND CHECKS TO SEAOSC.....5360 WORKMAN MILL ROAD, WHITTIER CA 90601
562-908-6131

JEFF CROSIER
PRESIDENT

JANAH RISHA
PRESIDENT-ELECT

JOSEPH LABRIE
TREASURER

MARTIN HUDSON
SECRETARY



DONALD H. GILBERT
EXECUTIVE DIRECTOR

Tel: (562) 908-6131
Fax: (562) 692-3425
Email: seaosc@seaosc.org

**STRUCTURAL ENGINEERS ASSOCIATION
OF SOUTHERN CALIFORNIA**
A Non-Profit California Corporation

5360 WORKMAN MILL ROAD
WHITTIER, CALIFORNIA 90601

**2010-2011
BOARD OF DIRECTORS**
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MICHELLE KAM-BIRON
YOUNG NAM
KEVIN O'CONNELL
MEHRAN POURZANJANI
JANAH RISHA

May 25, 2011

Dear SEAOSC Supporter,

Our annual golf tournament is right around the corner! Please join us for the 2011 Structural Engineers Association of Southern California Golf Tournament. There will be a shotgun start at 12:00 pm on Wednesday, August 3, 2011, followed by a Social Hour, Dinner, and Raffle. This year's tournament will again be held at the beautiful Coyote Hills Golf Club located at 1440 E. Bastanchury Road in Fullerton, CA. We expect another great turnout for this event, so don't miss this opportunity to spend time with old friends and make new contacts during this relaxed day of fun. Please sign up on the attached form.

The 2011 Golf Tournament Committee asks for your support by participating in the golf tournament and by sponsoring this much-loved event. The golf tournament depends upon industry and member support to insure its success. This year, we have a new sponsorship opportunity which is to be a "Tee Sponsor". Tee Sponsorship includes a sign at a tee-box with your company's name and logo which you can keep. This is an excellent way to get your company name and logo out there on the course, and if you sign up a foursome, we will give you a Tee Sponsorship at no charge! As in the past, a portion of the net proceeds from the tournament will benefit the SEAOSC Scholarship Fund. Sponsors will be recognized as outlined in the attached Sponsorship Opportunities list.

Your participation and financial help will make this year's event a great success. And, of course, SEAOSC, your employees and coworkers will thank you! Please send in your golf tournament registration and sponsorship pledge today and plan on attending the golf tournament on August 3 at the Coyote Hills Golf Club in Fullerton. Check out their website at www.coyotehillsgc.com. And, if you can't make it for golf, please feel free to join us for cocktails and dinner.

Sincerely,

Kevin O'Connell, Chair
2011 SEAOSC Golf Tournament Committee

**2011 SEAOSC GOLF TOURNAMENT
SPONSORSHIP OPPORTUNITIES**

Hole-in-One Sponsor (\$1,500)

Registration for **4 Golfers**

On the course company representation (at the hole-in-one hole) with up to three company representatives. (One volunteer is required to be at the hole-in-one hole for the duration of the golf event.)

Custom (Company Name) on the Course Signage

Recognition from the Podium

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

Door Prize Sponsor (\$1,000)

Registration for **2 Golfers**

Recognition on the Dinner Tables

Recognition from the Podium

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

Dinner Sponsor (\$1,000) *New This Year!*

Registration for **2 Golfers**

Recognition on the Dinner Tables

Recognition from the Podium

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

Lunch Sponsor (\$750)

Registration for **2 Golfers**

Recognition from the Podium

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

Beverage Cart Sponsor (\$500)

Registration for **1 Golfer**

Recognition from the Podium

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

Tee Sponsors (\$200) *New This Year!*

Custom On-Course Signage at One Tee-Box (yours to keep)

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

If you sign up a foursome, we will give you a Tee Sponsorship for free!

Individual Sponsor (\$100)

Recognition in the Dinner Program

Recognition in the SEAOSC *NEWS*letter

May
17

2010 T. R. Higgins Award Lecture

The AISC Seismic Design Provisions: Past, Present and Future



Since their initial publication in 1992, the AISC Seismic Provisions for Structural Steel Buildings (AISC 341) have undergone continuous updating efforts, brought on by numerous factors such as earthquake damage, new research results, and the development of new structural systems. Now firmly rooted in U.S. design specifications and building codes, the 2010 edition of AISC 341 continues this updating process through a series of technical changes and a major format revision. This lecture will summarize the background for the provisions and the changes to AISC 341-10 and will postulate the future for seismic design of structural steel systems.

James O. Malley, S.E., is a Senior Principal with Degenkolb Engineers. He received both his bachelor's and master's degrees from the University of California at Berkeley. Mr. Malley has

over 28 years of experience in the seismic design, evaluation and rehabilitation of building structures. He was responsible for the analytical and testing investigations performed as part of the SAC Steel Project in response to the Northridge earthquake damage.

In 2000, AISC presented Mr. Malley with its Special Achievement Award. Mr. Malley is a member of the AISC Specifications Committee and the Chair of the AISC Seismic Subcommittee. He was named the 2010 T.R. Higgins Lectureship Award winner for his work on the AISC Seismic Provisions. Mr. Malley is also President of NCSEA, has served as a member of the SEAONC and SEAOC Board of Directors, and was President of SEAONC in 2000-2001 and SEAOC in 2003-2004. He was named a SEAOC Fellow in 2007.



The cost is \$250 per internet connection. Several people may attend for one connection fee.

Register at www.ncsea.com. Approved in All 50 States.

This course will award 1.5 hours of continuing education. The times will be 10:00 am Pacific, 11:00 am Mountain, 12:00 pm Central, and 1:00 pm Eastern.

NCSEA Nineteenth Annual Conference

**"Leadership in
Structural Engineering!"**

Stepping Engineering Up to the Next Level

October 20-22, 2011

Renaissance Oklahoma City Convention Center

For more information and to register,
visit www.ncsea.com.

The Oklahoma Structural Engineers Association (OSEA) is excited to host this year's NCSEA Annual Conference. Events and opportunities include:

- Presentations by speakers from across the country.
- Experiencing national "Leadership in Structural Engineering" and learning how to step up your practice while earning hours of Diamond-Reviewed continuing education.
- Exciting networking opportunities with exhibitors and other colleagues on Friday evening at the Oklahoma City Museum of Art.
- Attending the banquet honoring nominees for the 2011 NCSEA Excellence in Structural Engineering Awards and individual awards for contributions to the profession, including the James Delahay, Robert Cornforth, and NCSEA Service Awards.

News from NCSEA Affiliate Member CSC

CSC Helps Structural Engineering Students at Georgia Tech

Chicago, IL – March 30, 2011 – With a third ranked graduate civil engineering program, Georgia Tech understands the importance of keeping up with leading edge technology. By implementing CSC's software, Fastrak, for use in steel design courses students are not only learning about technology but also current steel design codes.

Don White, Professor in the School of Civil and Environmental Engineering at Georgia Tech, and member of the AISC Specification Committee, had this to say about his choice, "I was impressed with the practical and technically sound implementation of the direct analysis method offered by Fastrak. Many other software programs fall short in this arena. In addition, it is essential for the software to provide an efficient work flow in creating the structural models and a clear synthesis of key structural responses. This allows the engineer to understand and assess the correctness of the calculations. Fastrak does this."

CSC's Fastrak is a software program focusing on the analysis, design and documentation of structural steel buildings. Fastrak implements the direct analysis method fully, using a rigorous second-order analysis that accounts for both P- Δ and P- δ effects. CSC chose this method because it gives the user access to the most powerful analysis and design solutions. It allows for the widest range of building structures with accurate and reliable results.

After using Fastrak in his courses for two months now, Dr. White has found the design results to be accurate and the modeling to be user friendly allowing for a streamlined process. The wind load wizard added to the streamlined process with its interactive graphical interface. "By avoiding issues I previously had with other software programs I am able to spend more time educating my students. That is what counts," said Dr. White. To learn more about CSC's structural solutions, visit www.cscworld.com/us/.



2011 SEAOC CONVENTION, LAS VEGAS

MARK YOUR CALENDARS
SEPTEMBER 21-24, 2011

We look forward to seeing you there!



Join Our Mailing List!

SEAOC
P. O. Box 2590
Fair Oaks, California 95628
convention.seaoc.org

FOR MORE INFORMATION, PLEASE CONTACT:
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SEAOC 916.965.1536



Call for Abstracts

**STRUCTURAL ENGINEERS ASSOCIATION OF CALIFORNIA
2011 CONVENTION
September 21 – 24, 2011**

Abstracts are requested for papers to be presented as part of the Technical and Business Practice Programs of the 2011 SEAOCC Convention, to be held September 21 through 24, 2011 at the J.W. Marriott Resort & Spa, Las Vegas.

"On the Shoulders of Giants" has been chosen as the theme. Submissions are encouraged on topics such as: Recent projects, best design practices, innovative seismic systems/components, advanced analysis techniques, next-generation codes/standards, high-performance materials, sustainable design, and results of recent experimental testing. Note that any paper topic will be considered.

In addition to the Technical Program, the SEAOCC Convention will include presentations related to Business Practice. Papers and presentations regarding the business aspects of structural engineering are encouraged. Topics of interest may include: Alternative consulting opportunities, niche markets, how to survive in a slow economy, business and liability aspects of using BIM, contracts, professional liability policies, office organization, project management, and marketing.

Interested presenters should submit a brief abstract of their paper (300 words or less, on a single side of one 8-1/2 x 11 page). The deadline for receipt of abstracts is on or before March 15, 2011.

Please submit abstracts for the Technical Program or Business Forum to:

SEAOCC 2011 Convention Program Committee
P. O. Box 2590
Fair Oaks, CA 95628
E-mail: convention-2011@seaocc.org

For questions, contact:

Technical Program: John J. Weninger Jr., john@sesol.com

Business Forum: Matt Mekcher, Matt.Mekcher@lionakis.com

SEAOCC Convention Administrator: Lori Campbell, seaocc@sbcglobal.net

The Technical Program Committee and Business Forum will review the abstracts, and authors will be notified by April 18, 2011 of acceptance. Final papers by selected authors shall be submitted no later than June 15, 2011. Detailed instructions for the paper format will be sent to the authors upon notification of acceptance.

Please note: All papers presented at a Technical or Business Forum Session will be published in the SEAOCC 2011 Convention Proceedings. All speakers presenting papers to the audience should be prepared to utilize word processing and presentation software required by the Convention Committee, Microsoft Word and Power Point, respectively, and to provide a pdf file for electronic media distribution.

<http://convention.seaocc.org>

2010-2011 SEAOSC Officers and Committee Chairs

Get involved! Members and interested parties are invited to join a SEAOSC committee.
Contact the chairperson for information on current projects and meeting times, dates and locations.

SEAOSC Officers & Board Members

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