



Structural Engineers Association of
Southern California
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SEAOSC

Founded in 1928

Vol. 15 March 2005

NEWS

President's Message

Did you know that the allowable shear values for wood have increased? Do you know why? Do you know the latest technologies to overcome the effects of liquefaction and differential settlement? These and many other topics were discussed at the macro seminar in January, including the legal aspects of running a design office. If you attended, you



received quite a bit of valuable information.

The new location of the macro seminars, the Double Tree Hotel in Rosemead, was a great venue, however, a bit smaller than the Windham Hotel in Commerce. We had about 115 attendees and that was very near the maximum the room could comfortably hold. If you are planning on attending this month's seminar, I recommend that if you have not make your res-

(Continued on Page 4)

Seminars Mar. 2, 9 & 19, 2005

A SEAOSC Practical Design & Detailing (PD&D) Seminar and Dinner Meeting will be held Mar. 2 in Monterey Park: AWS Symbols to be presented by Thomas Hunt. This presentation will review structural steel welding symbols; where to find them, how to use them, and some common mistakes. Also covered will be how

to incorporate non-destructive testing requirements as part of the weld symbol. The second presentation will be the City of LA's Requirements for Steel Moment Frame Buildings (including SMF, IMF and OMF) by Truong Huynh. The third topic, Structural Observation Part 4: Rules of

(Continued on Page 3)

L.A. Dinner Meeting

Wednesday, March 2

Program: Structural Observation, Part 4: Rules of Thumb for Structural Steel Buildings

Speaker: Michael Cochran, S.E., and Peter Maranian, S.E.

Location: Luminarias Restaurant, Monterey Park

Time: 5 p.m. Social Hour

6 p.m. Dinner

7 p.m. Program

Menu: Chicken. (Vegetarian available if requested by Noon, Feb. 28.)

Cost: \$30 (Full-time students \$15)

(See blue insert for reservation form and details.)

Tri-Counties Dinner Meeting

Wednesday, March 9

Program: Part 3 of PDD: Masonry Materials and Quality Control

Speaker: John Magnan, Architectural Sales Mgr., Angelus Block

Location: Fourpoints Sheraton, Ventura

Time: Social hour: 5 p.m.

Dinner: 6 p.m.

Program: 7 p.m.

Menu: Herb-Crusted Chicken

Cost: \$30 (Full-time students \$15)

(See green insert for reservation form and details.)

March & April Calendars

MARCH

1	10 a..m.	Research Committee Meeting	SEAOSC Offices, Whittier
2	Noon	Board of Directors Meeting	Luminarias Restaurant, Monterey Park
	3:30 p.m.	L.A. PD&D Seminar	Luminarias Restaurant, Monterey Park
	5 p.m.	L.A. Dinner Meeting	Luminarias Restaurant, Monterey Park
8	2 p.m.	Quality Assurance Committee Mtg.	SEAOSC Offices, Whittier
	4 p.m.	Existing Buildings Committee Mtg.	SEAOSC Offices, Whittier
9	3:30 p.m.	Tri-Counties PD&D Seminar	Fourpoints Sheraton, Ventura
	5 p.m.	Tri-Counties Dinner Meeting	Fourpoints Sheraton, Ventura
19	8 a.m.	Steel Structures Macro Seminar	DoubleTree Hotel, Rosemead
23	Noon	May Newsletter Deadline	

APRIL

5	10 a.m.	Research Committee Meeting	SEAOSC Offices, Whittier
6	Noon	Board of Directors Meeting	Luminarias Restaurant, Monterey Park
	3:30 p.m.	L.A. PD&D Seminar	Luminarias Restaurant, Monterey Park
	5 p.m.	L.A. Dinner Meeting	Luminarias Restaurant, Monterey Park
12	2 p.m.	Quality Assurance Committee	SEAOSC Offices, Whittier
	4 p.m.	Existing Buildings	SEAOSC Offices, Whittier
13	3:30 p.m.	Orange County PD&D Seminar	Costa Mesa Country Club
	5 p.m.	Orange County Dinner Meeting	Costa Mesa Country Club
16	9 a.m.	SEAOC Board of Directors Mtg.	Sacramento Hyatt Hotel
17	Noon	2006 Convention Committee	Long Beach Hyatt Hotel
20	Noon	June Newsletter Deadline	

March SEAOSC Seminars *(Continued From Page 1)*

Thumb for Structural Steel Buildings by Michael Cochran and Peter Maranian will be presented after dinner. Michael and Peter will provide recommendations on structural observations on various steel buildings. This seminar will be repeated Sept. 14, 2005 for the Tri-Counties Chapter and Oct. 12, 2005 for the Orange County Chapter.

The Mar. 9, 2005 Tri-Counties Chapter Practical Design & Detailing (PD&D) Seminar and Dinner Meeting will feature a repeat of the Oct. 6, 2004 seminar given in Los Angeles: Masonry Material Specification and Availability by Paul Bambauer, Executive Director of the Concrete Masonry Association; and Pre-Construction Planning and Observation of Construction by John Surratt, Architectural Sales Manager of Angelus Block. Following dinner, John Magnan, Ar-

chitectural Sales Manager of Angelus Block will speak on Materials and Quality Control.

The SEAOSC Steel Committee will be presenting a Macro Seminar on Steel Topics Mar. 19, 2005 at the Rosemead DoubleTree Hotel. Topics include: Steel Moment Frame Buildings in LA; Design Examples Using IMF Connections; Examples of Portal Frame Design; Welding Procedures and WP Specs; Assurance and Quality Control on Welded Moment Frame Connections; Update on AISC Seismic 2005 and AISC Moment Frame Connection Pre-qualifications; and Update on Braced Frame Design Issues.

Please use the enclosed registration flyers to register or go to www.seaint.org and then click on the Reservations link on the left side of the screen.



New Members

SEAOSC welcomes its newest members:

Silian Lins, *Associate*, Englekirk Partner Consulting

Colin Means, *Associate*, KPFF Consulting Engineers

Samuel Mengelkoch, *Associate*, Structural Focus

David Simon, Jr., *Member*, Tait and Associates

Richard Warner, *Member*, Black and Veatch Corp.

President's Message (Continued from Page 1)



ervations by now, you do so immediately.

Green Building Design was the topic at the January Practical Design and Detailing seminar. Green Building Design is also

known as “sustainability”. The Los Angeles Chapter of the U.S. Green Buildings Council gave the presentation. Sustainability is the future for the construction industry. All new state-funded buildings will be required to meet a LEED (Leadership in Energy and Environmental Design) rating of Silver. If you could not attend the program you should purchase the notes.

As has been the trend, we had a very small turnout for the January PD&D. I know I sound like a broken record, but we need to consider the value of these PD&D seminars for our members. I can think of no better topic than Green Building Design, and so I feel that our members are not attending because of the time. Wednesday afternoon is obviously not a good time for our members to attend a meeting. I will be discussing this in more detail with the Board.

I am sure by now you have heard of the ACE Mentoring Program. ACE stands for Architecture, Construction and Engineering. (As usual, the architects get top billing and the engineers are last. But I have to agree that ACE is a better acronym than ECA). The ACE Mentoring Program supports inner city high school students who have an interest in construction. Terry Dooley has taken the lead for the Los Angeles Area Chapter. Students are given an opportunity to visit the offices of architects, contractors and engineers

and see what they do for a living. The outstanding students are given scholarships. SEAOSC has been a strong supporter of this program. Terry says that the program has become very successful and that this year they will be giving out scholarships to 70 students.

Another SEAOSC supported activity is the Camp Elliott UCSD Shaketable. This is a facility that will be able to perform full-scale dynamic testing. Please visit their web site at www.jacobsschool.ucsd.edu and click on the Camp Elliott link. You will notice that SEAOSC is listed as a contributor to this worthwhile effort.

Happy St. Patrick's Day.

Larry Brugger

President

In Memoriam James Hill

Past President and longtime, active member James Hill passed away Monday, Jan. 10 at his home in Atascadero. His death followed a battle with lung cancer even though he had never smoked. Jim was SEAOSC President 2000 – 2001 and was a member of the SEAOSC Board of Directors 2000-2002. A memorial service was held Jan. 15 in Atascadero. Jim will be missed.

Existing Buildings Committee Update

March 2005

The International Code Council (ICC) recently held Code Development Hearings to review proposed changes to the 2006 International Codes. Our Existing Buildings Committee was represented by SEAOC and NCSEA at those hearings to voice our positions on the proposed changes to the International Existing Building Code (IEBC). Based on work done during this latest round of proposals and review of the changes that were proposed, our committee will likely begin work on the next round of code changes soon.

Locally, we are in the beginning stages of developing an application manual for the GSREB similar in format to the Seismic Design Manuals that were originally developed for the 1997 UBC and more recently updated for the IBC. This application manual would present examples and discussion to help users understand the intent of the appendix chapters. The format and content of this manual are still being worked out. If you have any suggestions or comments we would be pleased to hear from you.

More recently, the Northern California section of the Existing Buildings Committee has begun work on a new hillside buildings ordinance/guideline. While most of the work developing this guideline will be conducted in Northern California, we still welcome contributions that SEAOSC members may have on this topic.

If you are interested in working with us on any of these areas, we would be eager to hear from you.

Your assistance is greatly appreciated!



David Pomerleau
Co-Chair, SEAOSC Existing Buildings Committee
dpomerleau@fwcse.com



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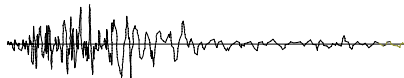
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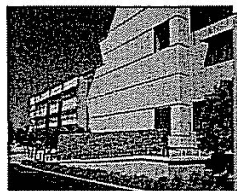
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We look forward to hearing from you.!



Next
SEAOSC
Newsletter
Deadline:
March 23

Refer to www.seaint.org

Do you have callers and clients in need of structural engineer referrals?

Members, please use SEAOSC's website as shown above to channel referral inquiries. All SEAOSC referrals are made via this website. The Referral tab is in the upper left corner of the webpage.

2004-2005 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

	Name	Phone	Fax	Email
President	Larry Brugger ^{1,2}	562-570-6921	562-570-6205	lawrence_brugger@longbeach.gov
President-Elect	Martin Johnson ^{1,2}	714-734-4242	714-734-4272	mwjohnson@absconsulting.com
Treasurer	Saif Hussain ²	818-285-2650	818-285-2651	hussain@coffman.com
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Immediate Past President	Richard Hess ^{1,2}	562-799-9787	562-799-4973	rlhess@hesseng.com
Directors	Daniel Bayless	805-642-3636	805-642-7874	dbsegr2@sbcglobal.net
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