



Structural Engineers Association of
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SEAOSC

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NEWS

President's Message

As spring is coming, the days are getting longer so we can get more done. Right?

The new Seminar Committee is actively developing a core-based seminar series that would augment the topical seminars we have been customarily providing. The new seminar program will be focused on basic structural engineering disciplines and will serve as a continuing education function for established engineers, and as career preparation for new engineering graduates. The concept was also favorably received at the last SEAOC Board meeting, and will be a topic for the SEAOC planning session. The core series could form the basis for a SEAOC certification program.

The SEAOC planning session will also address what SEAOC can do to provide a

more user-friendly building code. I've heard many complaints regarding complexity, over regulation and inappropriate criteria. The confusion being brought about by the plumbers' union effectively blocking IBC adoption in California does not help matters. For those who don't know, the California Codes Commission is comprised of appointees; the plumbers union was a generous provider to the governor's campaign fund, and as a result holds three votes on the Code Commission. The plumbers' union does not like the IBC (too much plastic pipe) and are holding out against adoption as they try to put together a code of their own. In the mean time, SEAOC is trying to promote the adoption of the newer structural provisions of the IBC. If the Code isn't confusing enough, think of the possibilities with the State adopting the 1997 UBC, and cities (some already committed) and the Feds adopting the IBC 2000.

I don't think the days are long enough yet.

James Hill

L.A. Dinner Meeting

Wednesday, March 7

Program: Precast Seismic Structural System (PRESS) Research

Speakers: *John Stanton*, Prof. of Civil Engr., U. of Washington, researching precast concrete building systems; and *Suzanne Dow Nakaki*, S.E., involved in improving the speed of transfer of knowledge from research to practice

Location: Luminarias Restaurant

Menu: Lemon chicken (Vegetarian meal available)

Time: 5:00: Social hour; 5:30:Dinner; 6:30 Program

Cost: \$24 (Full-time, undergrad students: \$10)

(See blue insert for reservation form and details.)

Orange County Dinner Meeting

Wednesday, Mar. 14

Program: Effects of Liquefaction on Local Design and Construction

Speakers: Representatives of Kleinfelder, Inc.

Location: Costa Mesa Country Club

Menu: Buffet

Time: 5:30 Social hour; 6:30 Dinner; 7:30 Program;

Cost: \$24 (Full-time undergraduate students: \$10)

(See orange insert for reservation form and details.)

Practical Design & Detailing Seminars Mar. 7, Apr. 4

Mar. 7: *Steel OBF's and OCBF's (Going, Going...Gone?)* by Michael Cochran; *Design and Use of Ordinary Moment Steel Frames in Buildings* by Henry Huang and Ifa Kashefi; and *Material Welding and Inspection Issues Relating to Steel Moment Frames* by Daniel Luna and Peter Maranian.

Apr. 4: *Guidelines for Seismic Retrofit of Existing Buildings and Update on L.A. City Division 91* by David Chang; *Classification and Design of Tilt-Up Shear Walls* by John Lawson; and *Precast Building System Design Techniques Based on Current Findings of the PRESS Research Program* by John Stanton and Suzanne Dow Nakaki

Both seminars run from 3 to 5 p.m. prior to the dinner meeting. See peach insert in this newsletter for details.)

March Calendar

6	3 p.m.	COLA/UCI Subcommittee of Testing Standards Committee	SEAOSC Office, Whittier
7	Noon	SEAOSC Board Meeting	SEAOSC Office, Whittier
	3 p.m.	Practical Design & Detailing Seminar	Luminarias Restaurant, Monterey Park
	5 p.m.	L.A. Dinner Meeting	Luminarias Restaurant, Monterey Park
13	2 p.m.	Quality Assurance Committee	SEAOSC Office, Whittier
	4 p.m.	Existing Buildings Committee	SEAOSC Office, Whittier
14	5:30 p.m.	Orange County Dinner Meeting	Costa Mesa Country Club
26		SEAOSC May Newsletter Deadline	



NEW TIMES SET FOR L.A. DINNER MEETINGS

The times for the monthly SEAOSC L.A. Dinner Meeting have been changed to help members avoid traffic and “get home before the evening is totally gone.”

New Times

Social hour: 5 p.m.
Dinner: 5:30 p.m.
Program: 6:30 p.m.

Old Times

Social hour: 5:30 p.m.
Dinner: 6:30 p.m.
Program: 8 p.m.

No more excuses not to do that networking you’ve been promising yourself. You can obtain the latest technical information and still get home in time to tuck the kids in bed. Also, don’t miss the Practical Design and Detailing Seminars scheduled for March and April prior to the Dinner Meetings.

Energy Dissipation Subcommittee Inviting Participation

The Energy Dissipation Subcommittee of the SEAOSC Seismology Committee will meet at 4 p.m. Thursday, Mar. 15 at the SEAOSC Office, 5360 Workman Mill Rd., Whittier. Engineers interested in becoming involved with the subcommittee are invited to attend.

Seismic Design Handbook Released

The long-awaited second edition of the *Seismic Design Handbook* edited by Farzad Naeim is scheduled for release in March. Sponsored by ICBO and the National Council of Structural Engineers Associations (NCSEA) in cooperation with Kluwer Academic Publishers, the Handbook reflects the latest concepts in seismic design. This updated edition has been extensively revised and now includes three new chapters: Seismic Upgrading of Existing Structures, Performance Based Seismic Engineering, and Computer Applications in Seismic Design.

The first edition of this handbook was published in 1989 and became a standard textbook for teaching seismic design at major universities such as UC Berkeley, Stanford, USC, University of Buffalo, University of Michigan, Cornell, the Imperial College of London, Israel Institute of Technology and many other fine institutions.

The new edition is a resource for civil, structural and geotechnical engineers; code officials; architects; seismologists and students. The substantial increase in size (now more than 800 pages) reflects many lessons learned from damaging effects of earthquakes worldwide over the last decade.

Developed by a panel of 22 experts from industry and academia, the handbook contains the most current information on planning, analysis, and design of earthquake-resistant buildings. It bridges the gap between advances in the theories of earthquake-resistant design and their practical implementation. Where applicable, the provisions of seismic design standards such as the 2000 *International Building Code* (IBC), 1997 *Uniform Building Code* (UBC) and the *NEHRP Guidelines for the Seismic Rehabilitation of Buildings* (FEMA 273/274) are explained and their differences highlighted.

A valuable feature of the new edition is its companion CD-ROM containing the complete text of the book along with the *UBC-IBC Structural Comparison & Cross Reference* published by ICBO, and FEMA's 273/274 and 302/303.

The *Seismic Design Handbook* can be ordered from ICBO by calling (800) 284-4406 or visiting www.icbo.org. Although this hardbound text retails for \$119, members of ICBO or NCSEA affiliates such as SEAOSC can purchase it for \$90.



Forensic Engineering Seminar May 11

"Establishing a Successful Forensic Engineering Practice", the sixth annual seminar of the Forensic Engineering Technical Group, will be held May 11 at the University of California at Irvine.

This year's seminar will feature guest speakers on the following topics: Advocacy v. Bias in Experts, Professional Ethics, Junk Science, Legal Research, Marketing of Expert Services, and Documentation and Filing.

Mark this date on your calendar, and look for more information and registration forms in the next few months. For inquiries and to pre-register, contact Donna Fitzlaff of Mackintosh & Mackintosh, Inc. Consulting Structural Engineers: phone: 323-662-1184; fax: 323-662-7541; email: donna@mackintosh-mackintosh.com.



Advertisements

Langston & Associates seeks Architectural/Structural Designer. Duties include preparation of a/s designs and drawings (computer-aided and manual), plan coordination, check shop drawings. Bachelors degree in engineering or architecture required. Send resume to Jim Langston, 1810 E. 16th Street Santa Ana, CA 92701 or fax (714)836-8087.

Integrated Design Services Inc. seeks self-motivated engineers with three to 10 years experience in design and retrofit projects. Respected, well-established Orange County firm with diversified projects: UBC/FEMA, advanced technology, wood, steel and concrete structures. Great opportunity to learn/excel in innovative, dynamic company. Excellent salaries and benefits. Fax : (714) 541-5330.

Li & Associates, Thousand Oaks, has positions open for senior engineer, designer and drafter. Applicant must have three years design experience in steel, concrete, wood and masonry. Industrial, commercial and school experience required. Firm provides excellent compensation and opportunity to grow. Call Joe: (805) 495-33432 or fax resume to (805) 4495-4083.

Teter Consultants, LLP (www.tetercon.com), is seeking an experienced Senior Structural Engineer interested in competitive compensation & benefits, ongoing career development, interesting projects, and a unique firm culture to join its growing and dynamic organization. Registered PE minimum, SE preferred. Send resume to 1025 N. Demaree, Visalia, CA 93291. Fax: 559/625/5282.

Grossman & Speer Associates Inc., Glendale, is looking for new college graduates and structural engineers at all levels. We offer a modern office environment, flexible working hours and an opportunity for advancement. Send your resume. Fax (818) 507-1556. Email: loyd@grossmanspeer.com.

William Simpson & Associates seeks structural engineer. California registration, minimum of 3 years experience with commercial buildings and good communicating skills. Orange County office. Please fax resume to (949) 675-6110, attention Personnel.

Bouquet ad

Delta Pacific
ad

Advertisements, announcements and inserts are for the information of readers and are not intended as endorsements by SEAOSC.

KPFF Ad

Martin & Peltyn
ad

BFL Owen
ad

Kitson Ad

2000 - 2001 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	James Hill*	562-426-4447	562-426-0979	calse@aol.com
President-Elect	Jack Bruce	213-897-3995	213-897-3159	jack.bruce@dgs.ca.gov
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Speakers Bureau	Herb Stockinger	909-595-0840	909-598-9204	herbstock@aol.com
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	Yeuan Chou	213-368-7258	213-368-7227	n/a
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