



SEA-NEWS



A Publication of SEAOSD - Structural Engineers Association of San Diego

STUDENT NIGHT Tuesday, April 17, 2007

Students from University of California at San Diego and San Diego State University have been invited to attend our dinner meeting this month to gain exposure to the wide variety of projects performed by each of our structural engineering firms and to encourage interaction with members of the profession. We will be continuing our successful tradition of having each attending member serve as "Mentor for the Night" to one or two students. Please join us for this interesting and delightful evening with students who are eager to learn about our experiences as they look forward to their careers as structural engineers. The program will consist of presentations by the firms noted below. In addition, a presentation of the SEAOSD 2007 Student Scholarships will be made by SEAOSD President Chris Kamp to an engineering student from each of the two Universities.

What is it like to work as a structural engineer? Three successful, local engineering firms will be presenting on their firm environment and projects.

- **DCI**, John Deck MSCE (U.C. San Diego) and Richard Hemmen S.E.
- **RAM International a Bentley Systems Solution Center**, Raoul Karp, S.E.
- **Arcon Engineers**, Wayne Deming P.E.

Time: Registration: 5:30 PM Dinner: 6:15 PM Program: 7:15-8:15 PM

Menu: Pan Roasted Chicken with sticky rice and pineapple caramelized sauce, served with shiitake mushroom caps, baby bok choy, bell peppers and carrots, Chocolate Fantasy for dessert, tea and coffee service. (vegetarian plate available, but must be requested by April 13th.)

Cost: Members: \$30.00, Non-Members: \$40.00, Students: Free

Location: **The Doubletree Hotel Mission Valley**, 7450 Hazard Center Drive, San Diego, California, 92108, (619) 297-5463

Reservation: RSVP by 11 AM Friday, April 13, 2007 by emailing Cathy at secretary@seaosd.org, or calling 619-223-9955. Your advanced reservations, made and honored, are essential to fulfilling our catering commitment. If you make a dinner reservation and fail to attend you will be invoiced.

Cancellation: If you are unable to attend, please call Cathy at 619-223-9955 and CANCEL your reservations(s). Cancellation must be made at least 24 hours in advance.

PRESIDENT'S MESSAGE

Welcome to Spring! I know that this time of year brings many additional activities and time commitments for most all of us. Similarly, SEAOSD has a few events that are noteworthy for your attention. And the good news is that some of these events involve being outside in the San Diego springtime.

Before that, however, I would like to offer congratulations on behalf of SEAOSD to the UCSD Society of Civil and Structural Engineers (SCSE) for their recent student outreach program. They initiated a program in which they traveled to several elementary schools to educate fifth and sixth graders in some of the principals of structural engineering. And they did it in a way which created excitement and desire within the children to learn. The UCSD students visited the

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REMINDER: SEAOSD ENGINEERING AWARDS POSTERS MUST BE SUBMITTED BY APRIL 25TH

Please don't let this one slip by! We would like to see as many local firms represented as possible. It is a great chance to gain recognition for your firm's projects and a great marketing opportunity for your firm. Awards recipients will be published in the San Diego AIA Newsletter and press releases will be submitted to local papers. Please take the time to participate. Rules and entry form can be downloaded by visiting www.seaosd.org. Contact Lianne Bell at (619) 521-8500 or awards@seaosd.org with any questions. The call for entries for the statewide SEAOC Awards will be published in April's newsletter. Deadline for the state Awards is July 2, 2007.

Structural Engineering Alumni Group Presents: 2nd Annual SE Day Mixer

Tuesday, April 10th
UCSD, Price Center Ballroom
4:00-5:00 p.m.
Featuring a Special Presentation by Dr. Frieder Seible
"UC San Diego's Contribution to the New San Francisco Oakland Bay Bridge"
5:00-6:00 p.m.
RSVP at scse@ucsd.edu

SEAOSD Outreaches to Students at High School Career Fair

SEAOSD recently participated in the Career Fair at Patrick Henry High School in an effort to promote the structural engineering profession to local high school students (see photo left). At the SEAOSD table, students constructed gumdrop domes and were introduced to samples of building materials such as rebar, steel sections, glulams, metal studs, bolts, expansion anchors, et cetera. Students also were introduced to computer model bridges to see and understand their bridge's performance as trucks drove over them. Students enjoyed building the domes, hearing interesting facts about San Diego's landmark structures, and learning how different structural methods are tailored to address different architectural and design challenges.



Wayne Deming (left)
at Patrick Henry High School
Student Outreach

New AISC Specification/ Manual Seminar "Design Steel Your Way with the 2005 AISC Specification" San Diego, May 10, 2007

This is the AISC Specification Manual and Seminar you've been waiting for! Whether you design in ASD or LRFD, this seminar will accelerate your ability to design steel buildings according to the 2005 Specification for Structural Steel Buildings. For more information, view this link online:

[http://www.aisc.org/Content/NavigationMenu/Learning_Opportunities / Seminars/ New_AISC_Specification_Manual_Seminar/ New_AISC_Specification_Manual_Seminar.htm](http://www.aisc.org/Content/NavigationMenu/Learning_Opportunities/Seminars/New_AISC_Specification_Manual_Seminar/New_AISC_Specification_Manual_Seminar.htm)

Or call (800) 809-2364, or email steel@wyndhamjade.com.

STRUCTURAL ENGINEERS ASSOCIATION OF SAN DIEGO 6TH ANNUAL GOLF TOURNAMENT

Where: The Vineyard at Escondido
925 San Pasqual
Escondido, CA
When: Friday, May 11, 2007
11:30 pm -Check In
1:00 pm - Shotgun Start

See flyer insert for all the details!

On behalf of SEAOSD, thank you to the Public Relations Committee (Melissa Kroskey Chair, SDSE) along with Adrienne Johnston (Hope Engineering) and Wayne Deming (Arcon Engineers) for their time and dedication to this event.

SEAOSD will continue to outreach to students countywide and we hope that more of you will be able to participate with us in the future.





Job Forum



ARCON ENGINEERS STRUCTURAL CONSULTANTS

PROJECT ENGINEER

Would you like to design an elephant enclosure, a tree for orangutans, or a cheetah bedroom? What about elevated walkways, commercial buildings, auto dealerships and custom homes? Arcon Engineers, a consulting structural engineering firm in San Diego, CA, seeks an engineer with 4 or more years experience in structural design and analysis. Candidates must have strong communication skills as well as excellent technical skills. Projects vary in size and construction types, from residential to commercial to zoological. We offer excellent salary and benefits with a small, friendly work environment as well as the opportunity for professional growth and advancement. Please email your resume to: arcon@arconengineers.com.

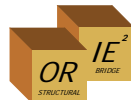


FRAME MAX

FrameMax is seeking individuals who are highly motivated and looking to make a difference in design. We are a fast growing, highly innovative company seeking to revolutionize the building industry.

The Engineer will be responsible for review of prefabricated structural components, ensure coordination with project specifications, create project drawings as needed, analyze and research structural properties, and work to develop new and original solutions for common construction issues. Position requirements include Bachelor's degree (B.S.) from four-year college or university (Architectural/Structural/Civil Engineering), Three to seven years structural design experience - PE license, preferred, but not required, General knowledge of lateral design using current codes, Knowledge of cold formed steel framing (light gauge steel) preferred, but not re-

quired, Read, analyze and interpret architectural and structural drawings, Effectively present information and respond to questions from management and other relevant persons, Strong communication skills, Common sense and understanding to carry out instructions furnished in written, oral or diagram form. Please send resumes via email to rnagtalon@framemax.com or via fax to (858) 486-7220 attention Richard Nagtalon. Visit our website at www.framemax.com.



Orie² Engineering Structural and Bridge Engineers

Established in 2002, Orie2 Engineering is a small, but established Structural and Bridge Engineering firm who is respected by our clients for high quality work and responsiveness.

We are seeking a **Structural Drafter** with 2-3 years of experience in Structural drafting using AutoCAD. Candidates with experience in timber, steel, concrete and masonry structural drafting are sought.

We are also seeking an **entry level Engineer** with a degree in Structural Engineering, preferably with a Masters degree, who would like the opportunity to expand their experience through a wide variety of projects. Candidates with experience in timber, steel, concrete and masonry design are sought. AutoCAD experience is a plus.

We offer competitive compensation and comprehensive benefits including retirement savings, health insurance, and a relaxed and friendly work environment as well as an opportunity for learning, growth and career advancement.

Mail, fax or e-mail your resume to:
Orie2 Engineering
16980 Via Tazon, Suite 290
San Diego, CA 92127
Fax: 858-451-6142
email: jamesorie2@sbcglobal.net.



CURRY PRICE COURT Structural, Seismic & Civil Engineers

STRUCTURAL DESIGN ENGINEER

Curry Price Court is seeking a DESIGN ENGINEER. Candidates with experience in timber, concrete, steel & masonry building design and/or recent graduates are sought. AutoCAD experience a plus. Competitive compensation and comprehensive benefits including health insurance, profit sharing, 401(k) and pleasant office environment.

AUTOCAD DRAFTER

The firm specializes in timber, concrete, steel & masonry building design. Qualified candidates should have AutoCAD experience in the production of building construction drawings utilizing these materials. Competitive compensation and comprehensive benefits including health insurance, profit sharing, 401(k) and pleasant office environment. Mail, fax or e-mail resume in confidence with cover letter stating current & desired salary to: Curry Price Court, 444 Camino del Rio South, Suite 201, San Diego, CA 92108. www.cpceng.com Fax: (619) 291-0613 email: cpc@cpceng.com



T.B. PENICK & SONS, INC.

T.B. Penick & Sons, Inc. has upped the ante in their search for a Structural Engineer in the Design Build Division. They are offering a Salary up to \$200,000 + Bonus Potential + Vehicle or Vehicle allowance and a Gas Card!

Structural Engineer

T.B. Penick & Sons, Inc. has an opportunity for a Structural Engineer with Design-Build experience. Estimating, Construction Management and Post Tension background, a plus. Experience in Multi-story cast-in-place construction methods critical. Apply on line at www.tbpenick.com or fax resume to (858) 622-1942.



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Job Forum



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ENGINEER

Libby Engineers, Inc., a consulting structural engineering firm, is seeking engineers with 5 or more years experience in structural design and analysis. Preferred candidates should possess good communication skills and a working knowledge of the UBC or IBC. PE/SE license and familiarity with various materials and structural systems are desirable.

Good benefits and a friendly, small office atmosphere. The position has growth potential for the right candidate. The office is located in east Mission Valley in close proximity to the trolley and freeway access.

All inquiries will be confidential. Interested individuals should contact Donald R. Libby. Phone: (619) 280-9307 Fax: (619) 284-3533 Email: dlibby@libby-lei.com



BURKETT & WONG

SENIOR STRUCTURAL ENGINEER
Well established San Diego Engineering Firm seeks licensed SE with 5 or more years building design experience. Good communications skills required. Excellent salary and benefits. Unlimited opportunity for professional growth. Send resume to: Burkett & Wong Engineers, 3434 Fourth Avenue, San Diego, CA 92103 FAX: 619/299-9934 Email: ljolson@burkett-wong.com

Burkett & Wong Engineers is a consulting firm with offices in San Diego and Las Vegas. Founded in 1971, the firm provides structural and civil engineering, land planning and survey services. With more than 10,000 projects completed in private industry, and local, state and federal government agencies, Burkett & Wong Engineers is a highly experienced, well established company committed to design excellence and superior quality and



service.

5 Questions to ask yourself:

- 1.) Are you ready to take the lead on major civil structures?
- 2.) Do you have a P.E. (S.E. preferred) with concrete design/construction experience?
- 3.) Do you have at least 8 years of experience?
- 4.) Have you completed Waterfront, Marine, Bridge, or Transportation projects?
- 5.) Would you like to attend exciting office lunches?

MOFFATT & NICHOL

If you answered yes to the questions above, then the San Diego office of Moffatt & Nichol is the right place to enhance your career. At Moffatt & Nichol, you will have the opportunity to design multi-million dollar pier, wharf, and bridge projects. If you have a solid background in analysis and concrete design, contact Moffatt & Nichol and join a team with excellent benefits and a great working environment.

Contact: David Lowy at dlowy@moffattnichol.com



Degenkolb Engineers, an employee-owned company, has current openings in our San Diego office for PROJECT MANAGERS.

As recognized leaders in seismic engineering, we offer a diverse, challenging mix of projects on both new and existing structures. We also offer an excellent salary and benefits package. Minimum requirements are a MS with structural emphasis, SE license, and 6+ years experience in the structural/seismic field. Business development skills and 3+ years experience managing technical staff preferred. Also see www.degenkolb.com. EOE

Send resume and cover letter to:
Human Resources
Degenkolb Engineers
225 Broadway, Suite #1325
San Diego, CA 92101-5013
Fax: 619-515-0298
Email: recruitsd@degenkolb.com

San Francisco . Los Angeles.
Portland Oakland . San Diego. Seattle
www.degenkolb.com



As leaders in structural engineering since 1977, Wiseman+Rohy Structural Engineers is respected by our clients for our experience, high quality work and attention to detail.

We are seeking an ENTRY LEVEL ENGINEER with one to three years of experience who wants to expand their experience through a wide variety of projects and involvement in these buildings from concept to construction. Good communication skills are expected for this position.

We are also looking for a PROJECT STRUCTURAL ENGINEER with a minimum of five years of experience. Good communication skills, and a solid engineering and detailing base are required for this position. Licensed engineers are preferred.

For more information about Wiseman+Rohy, please visit our web page at www.wrengineers.com. Please send resumes to: Jim Wiseman at jwiseman@wrengineers.com or Fax to: (858) 536-5163



If you are wondering how much time your Job Forum ad has left count the characters:



When there is only one character left the ad is on its last issue.



SEAOC SEISMOLOGY - STEEL CONCENTRIC BRACED FRAME NOTICE

Preface:

Recent tests on the brace elements of steel concentric braced frames have caused the Seismology Committee of SEAOC to issue the following notice. While more testing is needed to develop specific recommendations and alternatives, the results of these initial tests were definitive enough to illicit concern. Please take these recommendations into consideration when designing steel concentric braced frames. As always, it is good practice to limit the design drift in this type of rigid frame and to provide multiple bays of frames within a plane of loading to help distribute loads among frames.

Respectfully,
Christopher Kamp, SEAOSD President
Douglas Magee, SEAOSD Seismology Chair

Steel Concentrically Braced Frames Preliminary Recommendations Seismology and Structural Standards Committee SEAONC/SEAOC

Recent test results on braces used in steel concentrically braced frames (CBF) indicate that many commonly used sections and brace configurations do not meet seismic performance expectations [6]. Specific parameters that were shown to affect the ductility of braces, notably net-section, section type, width-thickness ratio of the cross section, and member slenderness.

The slotted connection has historically been used for its ease of fabrication and because it maintains a fairly concentric load path. Unfortunately, during testing net-section rupture was observed in unreinforced braces with reduced sections at slotted connections to the gusset plate [4]. Brace configurations with this detail exhibited limited ductility. As described below, reinforcement of the section is recommended.

Certain section types have been shown to be more susceptible to low cycle, fatigue-induced fracture. Square and rectangular cross-section HSS were shown to be particularly susceptible to fracture due to local buckling behavior of the cross section and, therefore, are not recommended for concentric braced frame applications, unless all the elements of the lateral force resisting system are designed for the elastic code level forces reduced by an R factor, limited to the over-strength component (R_o) ignoring the ductility component (Rd), or the design addresses compactness and slenderness as discussed herein.

In contrast to square and rectangular HSS, round pipes (and round HSS) and wide-flanges exhibited less severe local buckling, leading to better fracture resistance and greater brace ductility [2]. Because much research has been focused on square and rectangular cross-section HSS, other important issues remain to be fully answered such as: detailing of wide-flange brace to beam-column connections.

Braces with high width-thickness ratios exhibit relatively poor ductility compared to more compact members. This critical parameter was first prescriptively limited in the 1997 UBC following the Northridge earthquake. Width-thickness ratios continue to be limited in AISC 2005 [1]. However, recent experimental test results indicate that bracing members that comply with current width-thickness limits fractured at drifts of 2% to 3% at design-level forces [2]. Research has shown that a lower width-thickness ratio delays fracture of braces subjected to cyclic loading. Another method to delay the onset of fracture for braces subjected to cyclic loading is to fill HSS with grout. Grout-filled HSS members exhibit more favorable local buckling characteristics, significantly altering the post-yield behavior of these sections [2, 3].

Slenderness is another parameter that affects brace ductility. Slender members exhibit delayed fracture during cyclic tests [6]. For example, a slender wide-flange brace that buckles elastically (global buckling mode) was shown to forestall localized inelastic buckling of the cross-section. However, a slender brace may affect the overall building system behavior, detrimentally in some cases.

The Seismology and Structural Standards Committee recommends for the design of HSS braces:

- include reinforcement as required by application of AISC 341 Section 13.2b and AISC 360 Section D.2 at reduced sections of the brace, as explained in the SEAOC Seismic Design Manual, and
- provide brace sizes and lengths with low width-thickness and moderate slenderness ratios.

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Research indicates that braces with moderate slenderness ratios and low width-thickness ratios typically perform well. The designer may also consider the use of more stable cross sections such as round HSS (or pipe), wide flange shapes, or grout-filled HSS (both round and square and rectangular cross-sections).

The Seismology Committee is continuing to develop a position on CBFs, particularly width-thickness and slenderness ratio recommendations, and will post more information on the performance of the system and its components as it becomes available. For the latest information related to this and other structural/seismic engineering, see www.SEAOC.org and <http://www.seaoc.org/Pages/committees/seismology.html>.

References

- [1] AISC. 2005. Seismic Provisions for Structural Steel Buildings, American Institute of Steel Construction Inc., Chicago, IL.
- [2] Fell, B., Kanvinde, A., Deierlein, G., Myers, A., Fu, X. 2006. "Buckling and fracture of concentric braces under inelastic cyclic loading" Structural Steel Education Council, Steel Tips No.94.
- [3] Liu, Z., and Goel, S. C. 1988. "Cyclic Load Behavior of Concrete-Filled Tubular Braces." Journal of Structural Engineering 114 (7), 1488-1506.
- [4] Shaback, B., and Brown, T. 2003. "Behavior of square hollow structural steel braces with end connections under reversed cyclic axial loading." Canadian Journal of Civil Engineering 30, 745-753.
- [5] Tremblay, R., Archambault, M-H., and Filiatrault, A. 2003. "Seismic Response of Concentrically Brace Steel Frames Made with Rectangular Hollow Bracing Members." Journal of Structural Engineering 129 (12), 1626-1636.
- [6] Uriz, P., and Mahin, S.A. 2004. "Seismic Performance Assessment of Concentrically Braced Steel Frames." Proceedings of the 13th World Conference on Earthquake Engineering



SEAOC Committee Updates



Report of SEAOC Building Code Committee

By James S. Lai, Chair

Kick off time

The SEAOC Building Code Committee started 2007 with a kick off meeting on Saturday, February 10 in Los Angeles. Eight delegates attended the meeting and shared activities on code development within each member organization in recent years. While three of the four member organizations have not been very active in terms of code development activities, they all see there is a distinct need to mobilize our membership participation. This meeting involved review of committee missions and long term planning.

Missions

Basic formation of the state building code committee includes two delegates plus one alternate appointed from each member organizations for a total of eight committee members plus four alternates. Committee meetings will be scheduled leading up to ICC and/ or CBC code development hearings. In recent years, representatives of NCSEA code advisory committee have been active in their participation at ICC structural code committee hearings. SEAOC Delegates will attend NCSEA General Engineering Subcommittee meetings in order to lobby for support of SEAOC positions on code development issues. Additionally, SEAOC delegates will attend ICC and/or CBC code development hearings to support NCSEA or to state SEAOC positions when such positions differ from those of the code advisory committee.

Who cares about wind?

With the long overdue adoption of IBC 2006, California engineers are beginning to learn new code provisions in preparation to take the giant step from the 1997 UBC to the new standards. Most members will find the code adopted a complex chapter on wind. At the request of SEAOC President Norm Scheel, the Building Code Committee formed a Wind Ad Hoc Committee. The purpose of this ad hoc committee is to work in conjunction with the Tri-state (California, Oregon and Washington) Wind Committee to develop alternative design procedure to simplify the current wind provisions in ASCE 7, which forms a part of the 2006 IBC. The Tri-State Wind Committee met on February 23 and 24. After some intensive discussions, the group developed a draft document on simplified design procedures for all height buildings. The ad hoc committee plans to recruit volunteers on case studies to ensure workable steps prior to submitting the draft document to ASCE 7. The Tri-State Wind Committee in concert with NCSEA GES plans to submit a code change proposal of the alternative wind design procedures directly to ICC for adoption into 2009 IBC.

Challenge in industry code/ standard adoption

IBC 2006 includes several industry code/ standards being adopted by reference. The challenge in building code development is no longer just presenting a position at the ICC code development hearings. In order for SEAOC to gain recognition at national code development, it will take some down to earth diligent work and participation in the code development process of major national code/ standards by our membership. Beginning this year, most code/ standards will embark on new code development cycle. SEAOC members interested in code development are encouraged to volunteer for committee membership in those organizations such as ASCE 7, ACI, AISC, MJSC and AF&PA. A list of the major code/ standard schedule is as follows:

Code/ Standard	Year	Change Proposal submittal deadline (tentative)
§ ACI 318 2008	2007	July 31 (public comment only)
§ IBC	2009	2007 August 20
§ ASCE 7	2010	2007 August 15 & 2008 May 1
§ AISC	2010	2008 January 8
§ TMS (MJSC)	2011	None at this time
§ NDS	2011	None at this time
§ ACI	2012	None at this time

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Alternate Slender Wall Provisions

Those that are using provisions from the 1997 UBC are cautioned in using ACI 318-05 section 14.8 which may lead to substantial different results. The UBC design provision, first introduced into the 1987 UBC supplement, incorporates the combined load effects due to eccentric axial loads and P-D effect. Strength requirement is considered when selecting the amount of reinforcement. Deflection under service load is established to give a reasonable limitation on the stiffness of wall panels.

The ACI procedure, introduced in ACI 318-99, was first adopted by IBC 2000 and subsequent code editions. As quoted in ACI 318R-05 Commentary, Section 14.8 is based on the corresponding requirements in 1997 UBC and experimental research of the 1982 Test Report by SCCACI-SEAOSC. Analytical study of the current IBC/ ACI provisions for concrete wall panels showed the ACI procedure do not correspond to a bilinear load-deflection characteristic and significantly underestimate the service load deflection.

A proposed change (submitted by SEAOSC Task Group) on the Alternate Design of Slender Wall provision was approved by ACI 318 in November 2006. Proposed revisions to ACI 318 will be published for public comments on or about mid June. If approved by ACI membership, it will be included in ACI 318-08. The revision will entail changing the ACI deflection equations to correspond to the 1997 UBC equations. However, the change will not be adopted into IBC until IBC 2009.

Future plans

In addition to plans for future code development activities at ICC and CBC, the committee plans to embark on professional development program for the general SEAOC membership through questions and answers. Members who may feel comfortable with using the 1997 UBC in the past nine years will undoubtedly find much catching up is needed in using 2006 IBC with most of the industry standards adopted by reference. We encourage those members interested in code development to participate in the local building code committees. If you find the building code lacks clarity, send your suggestion to this committee so that we can come up with a written proposal to the code/ standard group. Through our joint effort, we can find much needed support in understanding code provisions as we undertake our everyday design tasks.

*(President's Message
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schools for several weeks and after some instruction, the children created their own buildings out of plastic K'NEX pieces consisting of beam, column and joint elements. The children were judged on their knowledge of structural and seismic principles they had been taught as well as their development of the floor plans, elevations and architectural renderings for their buildings. The ultimate test occurred as the buildings were attached to the outdoor shake table at the UCSD Englekirk Center and shaken to a set of varying accelerations which reached up to four times gravity. I hope some of you were able to participate in the judging as I was.

The shake table was displayed with San Diego Bay and the Coronado Bridge in west and mountains in the east. The children were truly excited to see their structures shake and their teachers indicated they had enjoyed the whole program. We are all aware that there is a growing need for students to select engineering as a career, and I would like to commend the UCSD SCSE for developing this program which showed the students that engineering is more than just mathematics and that there are practical aspects as well.

Now, since we are talking about our student chapters, please note that

this month is our annual Student Night. In recent years we have had upwards of eighty to ninety students from San Diego State and UCSD. As in the past, we would like to mentor one or two students with each of our members during dinner. This is a great opportunity to interact with the young men and women that will soon be starting careers as engineers and they are very interested in hearing about the real world of structural engineering. I encourage you all to come out and join us on April 17th.

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Membership Information



SEAOSD Board of Directors Meeting

The SEAOSD Board of Directors normally meets the first Thursday of every month. Everyone is welcome to attend. The next Board of Director's meeting will be held on Thursday, May 3rd at 4:00 PM at SDSE, 3838 Camino del Rio North, San Diego, CA 92108.

If you have an issue to bring before the Board please let a member of the Board know so that it can be placed on the agenda. The agenda can be viewed on the SEAOSD webpage at <http://seaosd.org>.

Send correspondence to: **SEAOSD, P.O. Box 26876, #203, San Diego, CA 92196-0876, (619) 223-9955.**



HAVE YOU MOVED? CHANGED JOBS? BEEN LICENSED? PLEASE LET US KNOW!

Please fill in any changes in status, as applicable:

NAME _____

COMPANY NAME _____

TITLE _____

COMPANY ADDRESS _____

CITY, STATE, ZIP _____

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DO YOU PREFER MAIL AT WORK OR HOME? _____

CE NUMBER _____ SE NUMBER _____

Mail to: SEAOSD
P.O. Box 26876, #203
San Diego, CA 92196-0876
Phone: (619) 223-9955

Or Email: secretary@seaosd.org

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Advertisement Policy



(President's Message continued from Page 8)

We are also looking forward to a good showing of entries for our "SEAOSD 2007 Excellence in Structural Engineering Awards". There are several categories in which to enter and I know we are all proud of the work we do. This is also a good marketing opportunity as our award winners last year were published in the AIA newsletter, the San Diego Daily Transcript and on the SEAOSD website. The deadline for entries is April 25th, so please select a project within your office and enter.

The next event to mention is the ASCE Pacific Southwest Regional Student Conference to be held April 12-14, 2007. The UCSD SCSE Student Chapter has taken on the large task of hosting this event and San Diego State will also have a team participating. The event will consist of over 700 students from 16 different schools from all over the western United States. There is still a need for engineers to volunteer as judges of one or more of the 17 events. Please see the flyer in this newsletter or contact the PSWRC Director Oliver Asis (olasis@ucsd.edu) if you are interested in helping out.

I would also like to alert you of the 2007 Structures Congress presented

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ADVERTISEMENT POLICY

JOB FORUM ADS:

- SEA News charges \$50 to run "Help Wanted" and "Employment Wanted" advertisements for four months. Please keep these under 100 words.

ADVERTISEMENTS:

- Flyers (375 copies provided by advertiser) will be inserted into the Newsletter for \$200 per issue, per 8 1/2 by 11 sheet.
- 1/4 page advertisements for \$75 per issue (4 1/4" x 3 1/4").
- 1/2 page advertisements for \$125 per issue (4 1/4" x 6 3/4").
- Full page advertisements for \$225 per issue (6 3/4" x 8 3/4").
- Professional Directory advertisements for \$330 per year or \$30 per issue (see page 9).
- Camera-ready copy of the advertisement to be provided by advertiser.
- All advertisements are to be prepaid.
- Make checks payable to the Structural Engineers Association of San Diego.
- Mail checks and ads directly to the editor prior to the deadline (contact information below).

For further information, contact SEAOSD at (619) 223-9955 or the current editor (contact information below).

UPCOMING SEA-NEWS DEADLINES:

May 2007	04/13/07
June 2007	05/11/07
Jul/Aug 2007	06/29/07
Sept 2007	08/10/07

*c/o SEAOSD
P.O. Box 26876, #203
San Diego, CA 92196-0876*

* These dates are subject to change. You may contact the Editor, Cathy Riley, at:

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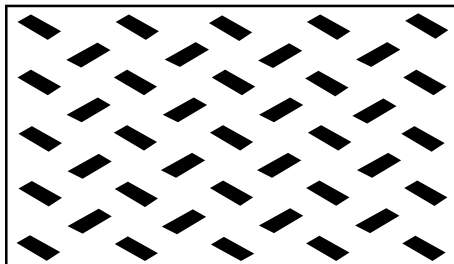
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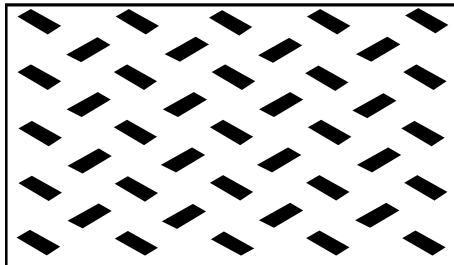
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(President's Message continued from Page 10)

by the Structural Engineering Institute of ASCE that is going to be held almost locally in Long Beach, CA on May16-20, 2007. This year the Structures Congress will be presenting a varied set of sessions targeted toward the practicing engineer including tracks on new codes and standards and a track on business practices, as well as tracks on recent research. Please visit www.structurescongress.org for more information.

Finally, be sure to keep Friday, May 11th open for a good time. That is the date for our 6th Annual SEAOSD Golf Tournament at The Vineyard in Escondido. This is a great time and a great place to interact with other members and associates outside of an engineering venue. Being a good golfer is not a requirement (thank goodness) only the prospect of having a good time. Please see the flyer in this newsletter for more information.

As you can see, we have a lot of opportunities for participating in a variety of ways. Please choose a couple of events and participate. I know that it is tough to find the time but the results are always satisfying.

Christopher Kamp
President SEAOSD



SEA-NEWS

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