



SEA - NEWS

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2017

2016-2017

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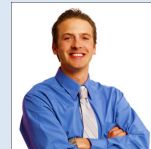
In This Issue

**February 21, 2017 SEAOSD
Student Night with the Industry**

Join us on February 21, 2017 Student
Night with the Industry!

A Message From
Your President

We started the year off with a very full member meeting at Stone Brewery for the informative presentation on updates to the new masonry codes presented by Kurt Siggard, Executive Director, Concrete Masonry Association of California and Nevada. Kurt walked through the significant changes and even offered complementary review of members' masonry specifications to be sure the latest updates are captured. Our next member meeting is our Annual Student Night being held at Stone Brewery Liberty Station on February 21st at 5:30pm. This is a free event to our student members, and also where our organization gives out \$4000 in scholarships to the region's finest structural engineering students. This is a critical event for our members to attend and support through sponsorships. We need to have our members there to interact with our future generation of engineers and need your financial support to help pay for the students to attend for free and provide sponsorships. If you haven't already RSVP'd, please do so. If you're interested in joining many of the other local firms in sponsoring the event, please contact our Program's Chair, Curtis Patterson (curtis@pattersoneng.com). The evening will start off with a brief presentation by Ian Mellor on "A Structural Engineer's Role in Post Disaster". Ian has performed structural evaluations all over the world after disasters, which I'm sure will provide for an interesting presentation. After that, we'll have a practicing structural engineers panel that will give members and students the opportunity to ask questions about their career path and role in the engineering community.



The Convention committee is now in full swing with first call for abstract recently released. The Technical Committee, led by Chad Closs, is still looking to fill out the committee with other Member SE's to select the program for the 2017 Convention. If you're interested in serving in this role, please contact Chad at ccloss@degenkolb.com.

There are many organizations out there, and as one of our nation's longest standing professional societies for Structural Engineers, SEAOC and our member organization of SEAOSD are committed to serving our profession. The Board is actively looking to our members for ways we can better serve our structural engineering community and public. Please reach out to me or any of the other Board members if you have suggestions or are interested in getting involved.

We look forward to seeing you at Student Night!

Michael Braund, S.E.
President@SEAOSD.org
SEAOSD President
2016-2017

SEAOSD
STUDENT NIGHT WITH
INDUSTRY

Tuesday, February 21, 2017
5:30 p.m.-8:00 p.m.

Ian Mellor is a Principal
Structural Engineer at Mellor
Engineering

A Structural Engineer's Role
Post Disaster

Abstract

The expertise of Structural Engineers is often called upon after a natural disaster to perform evaluations on buildings. This expertise is useful in determining a building's condition and identifying potential structural hazards which may pose a safety concern to building occupants. During his career, Ian Mellor has performed evaluations on buildings after natural disasters, such as earthquakes, hurricanes, tornados, floods, and rainstorms. From these diverse experiences, Ian will share valuable lessons learned during the course of various post disaster damage evaluations. Some of the natural disaster events that Ian has performed structural evaluations for include:

- Haiti Earthquake M 7.0, January, 2010
- Sierra El Mayor Earthquake M 7.2, April, 2010
- Christchurch Earthquake M 6.3, February, 2011
- Mineral Virginia Earthquake M 5.8, August, 2011
- American Canyon Earthquake M 6.0, August, 2014
- Hurricane Sandy, 2012
- Hurricane Isaac, 2012
- St. Louis Tornado, 2011

Speaker Biography

**SEAOSD 16th Annual Golf Tournament
on
April 17, 2017 at
Twin Oaks Golf Course in San Marcos**

Join us on April 17 for our 16th Annual Golf Course! This event is one of our biggest fundraisers of the year.

The proceeds from this tournament allow us to underwrite technical seminars throughout the year for engineers, students, and all stakeholders in the industry. It also funds our annual scholarships which are awarded to the engineering schools at UCSD and SDSU.

We have several company sponsorship's available for anyone looking to promote their business!

[Click here for the application](#)

**SEAOSD Members: 2017 Excellence in
Structural Engineering Awards -
Call For Entries**

It's not too early to start preparing for the 2017 Excellence in Structural Engineering Awards!

Please visit click [here](#) to download the entry packet.
Entries are due Thursday April 27th, 2017

SEAOSD is proud to announce a few key changes this year...

- The SEAOSD Awards entry process has been combined with the state level SEAOC Awards program. This new integrated program is now a two-tiered process to truly reveal the best of the best of structural engineering excellence in California.
- Projects must be submitted to the SEAOC/SEAOSD Awards program. There will no longer be a separate application for the SEAOC Awards. Projects that win a Regional (SEAOSD) award will be automatically advanced to the SEAOC Awards program.
- The only entry fee is the SEAOC/SEAOSD Awards entry fee of \$150. No additional entry fee will be required for advancement to the SEAOC Awards.
- Display boards are no longer optional and are due at the same time as the electronic submission materials.

Ian Mellor is a Principal Structural Engineer at Mellor Engineering with more than 18 years of professional experience in the design, detailing and evaluation of buildings. He is a licensed Structural Engineer in California and also holds licenses in Hawaii, Washington, Oregon, Nevada, Utah, Arizona, Virginia, New York, Louisiana and Mississippi. He has been involved in a wide range of projects including, custom residential homes, commercial buildings, historic seismic retrofits, and Department of Defense (DoD) buildings for NAVFAC Southwest. Ian also has extensive experience in forensic engineering for construction defects, cause and origin investigations for insurance claims, and in the evaluation and repair of buildings from various types of damage such as vehicle impacts and fires.

This big event is sponsored by our many Member firms to help defray the cost of bringing UCSD and SDSU students in for dinner! Thanks to the companies below that have already sponsored! If you would like to sponsor this event, contact Heather Caya: seaosd@cox.net.

Our Current Sponsor List

ESGIL Corporation
Cavignac & Associates
Degenkolb Engineers
KPFF
Josephson Werdowatz
Hope-Amundson
Miyamoto International
Wiseman & Rohy
Sideplate
Curry Stenger Engineering
Reid Middleton

Engineer Panel:

Matthew Martinez - Moffatt & Nichol

Jacqui Le - KPFF

- The winners of the SEAOC/SEAOSD Awards will be displayed at the 2017 SEAOC Convention hosted right here in San Diego! This is a chance for your firm to shine in front of all Convention attendees in our own back yard.

Sustainable Design Committee Lunch Meeting on ""Tall Wood Construction"

February 24 @ 12:00 pm - 1:30 pm

Speaker Mike Romanowski, from WoodWorks share "Tall Wood Construction" which will cover the following:

- Defining Tall Wood
- Precedence/Context
- Motivation and Benefit
- Execution Under U.S. Code
- Structural Systems and Approaches
- Highlights of the Brock Commons Project

Mike received his Bachelor of Science degree in Architectural Engineering from Cal Poly, SLO in 1979 has been involved in the practice of structural engineering for a number of San Diego based firms over the past 37 years. His experience has included design, contract plan checking, peer review and forensic investigations for educational, commercial, industrial, medical, institutional, military and residential projects utilizing all types of building materials. Mike is a licensed Structural Engineer in the State of California and is now the West Coast South Regional Director for WoodWorks.

Date:

Friday, February 24, 2017

12pm to 1:30pm

Location:

Hope-Amundson

1301 Third Avenue, Ste 300, San Diego, CA 92101

Registration Deadline:

Wednesday February 22, 2017

(Class is limited to 16 people, so register early)

To register please click REGISTER NOW BELOW!

More Info contact: Jim Conley at jconley@hope-amundson.com

Fee:

This event is free and comes with lunch to those that register by February 22!

[Click here to register!](#)

2017 SEAOC CONVENTION

Calling for Members within your companies to join us as we plan the 2017 SEAOC Convention and SEAOSD's 50th Anniversary Celebration! The SEAOC Convention will be hosted at the beautiful Hilton San Diego Resort & Spa in Mission Bay.

**AIA/ASHRAE/SEAOSD
YOUNGER MEMBER MIXER**

Ian Mellor - Mellor Engineering

Casey Whitsett - Hope-
Amundson Structural
Engineers

Student Night Fundraiser

UCSD's student chapter of SEAOSD, the Society of Civil and Structural Engineers (SCSE), will be holding a silent auction fundraiser at Student Night. Profits will help fund SCSE's various programs to assist generations of future engineers. SCSE members develop engineering skills through project teams while actively leading community projects such as building homes in Tijuana, Mexico and teaching over 1,900 fourth and sixth grade students in San Diego annually about earthquake engineering through SCSE's Seismic Outreach program. Items to be auctioned include local goods and services and theme park favorites, as well as services from our members like photo shoots and salsa lessons.

Student scholarship winners will be accepting their checks at this event!

Time: Registration: 5:30 pm /
Dinner: 6:15 pm / Program:
7:00 pm

Cost: SEAOSD Members: \$35 /
Non-Members: \$45 / Students:
FREE

Payment: Cash, Check or
credit card. Parking will be
validated. Check made
payable to SEAOSD. You may
mail your check in advance to
P.O Box 712922, Santee CA
92072

Place: Stone Brewery, 2816
Historic Decatur Rd., Bldg. 1,
Suite 116, San Diego, CA
92116

Reservations: Must be received

YMF members, mark your calendars!!

Join us for appetizers and some drinks* and meet some fellow architects and mechanical engineers.

Thursday, March 2nd, 6pm-8pm
Ballast Point, Little Italy (at the Cabanas)
2215 India Street,
San Diego, CA 92101

RSVP recommended, but not required.

*One drink ticket per guest will be provided courtesy of
DEWALT/POWERS.

Questions? Email YMF@SEAOSD.org

Event Sponsored by:



Passionate about Structural Engineering? Share your enthusiasm with future engineers through the University SEAOSD Mentoring Program.

- **INVITE** Structural Engineering Students from local Universities to visit your firm and work with you for 2-4 hours. Job shadowing gives students an opportunity to spend time observing engineers and learning more about professional roles related to their major.
- **EDUCATE** students about the professional world of Structural Engineering. As a mentor, you will have the opportunity to offer advice and tools to help your student assess his or her strengths and seek out opportunities to grow in areas that need improvement.
- **INSPIRE** talented members of the up and coming Structural Engineering work force. Students are eager to hear about your "real life" career experiences, talk about challenges, as well as success. Additionally, students seek advice on how to shape their "life after college".

Examples of ways to introduce students to the workplace and profession:

- Give a tour of your office or job site and work space
- Show them examples of types of projects you have worked on

Examples of office tasks that students can perform include:

by Friday, February 17, Noon.
If you choose to walk-in the day of the event, your meal is not guaranteed and you will need to pay a walk-in rate of an additional \$5. If you make a dinner reservation and fail to attend you will be invoiced. By Phone: 619-733-2734
Email: seaosd@cox.net, or by clicking on the link below.

Cancellation: Please cancel your reservation at least 24-hours in advance if you unable to attend.

[Click here to Register](#)

Mark your Calendars for our next Member Luncheon Meeting (Joint with ACI San Diego) March 21, 2017, will be our next meeting. More information to follow soon.

New Member Applicant Postings

Ahmad Elhajj - Industry
Christopher Graham - Associate

Garcia Gilbert - Associate
Valentino Rinaldi - Associate

Company Sponsorship Opportunities

SEAOSD Advertisement Policy - 2016/2017

Job Forum Postings

- Quantity take-offs
- Verifying survey data on plans
- Computing dead loads
- Simple flexure and shear computations

Note: It is not intended for students to perform billable work, rather replicate work.

Please fill out the attached mentor registration form. Registration forms are continuously accepted.

For questions, email Sabina Piras at sabina.piras@tylin.com

[Click here for the application](#)



USRC Certification & New Membership Opportunities

The US Resiliency Council (USRC - www.usrc.org) is pleased to announce two important new opportunities as it launches its rating system for the earthquake performance of buildings.

1. Join the USRC as we embark upon our mission to implement meaningful rating systems that describe the performance of buildings during earthquakes and other natural hazards.
2. Apply to become a USRC Certified Rating Professional and/or Certified Rating Reviewer to perform and review USRC ratings.

New membership opportunities and benefits are described at www.usrc.org, where you can join online.

[TO READ MORE CLICK HERE](#)

COMMITTEE ROSTER

Your 2016-2017 Committee Roster

[CLICK HERE](#)

JOB FORUM January

Advertisements
* Business Card in Professional Directory

Annual Sponsorship Program
Annual Events

Payment Information:

- * All advertisements are to be prepaid.
- * Send checks and advertisement material directly to the Executive Director prior to the deadline.
- * Make checks payable to the Structural Engineers Association of San Diego (SEAOSD). Upon request, credit card payments will also be accepted.
- * For further information, please contact the Executive Director (contact information below).

[Click here to see the Advertisement Policy for 2016-2017](#)

2017 SEAOC Convention

It may seem far away, but the 2017 SEAOC Convention in San Diego, is just around the corner! It will be held at the Hilton San Diego Resort and Spa at Mission Bay on September 12-17, 2017. If you are interested in joining the committee contact Steve Kerr at skerr@jwa-se.com

Younger Member Forum

If you are 35 or under and would like to participate in the SEAOSD YMF activities, contact YMF Chair, Jacqui Le. He will let you know about upcoming YMF events and add you to the mailing list.

Jacqui Le



GSSI Engineers

GSSI Engineers has an immediate opening in their San Diego office for a Design Engineer/Project Manager. GSSI Engineers, founded in 2003, is a mid-level structural engineering firm specializing in commercial, hospitality and industrial projects. At GSSI, engineers have the responsibility for complex projects from initial conceptual design through construction resulting in accelerated professional development and career satisfaction.

Minimum requirements include California PE license with minimum 3 years of experience in structural design and analysis. Strong Steel and concrete design experience is desirable. Excellent salary and benefit package. Unlimited opportunity for professional growth.

Please email resume to Cindy Austin at caustin@gssi-se.com or mail to GSSI Engineers, 3969 First Avenue, San Diego, CA. 92103.



Project Engineer / Manager

Wiseman + Rohy Structural Engineers is a full service Structural Engineering company with four decades of quality projects constructed around the United States. Most of these projects are in Southern California and western states.

We have an opening for an engineer with over 5 years of experience in structural engineering. This position offers the opportunity to participate in challenging and unique projects in all types of commercial structures. We are looking for a highly motivated engineer to become a long-term part of this established company.

Immediate position available.

Please Send Resumes To: HR@wrengineers.com

Special Discount for SEAOSD Members

San Diego Business Journal is offering a discount to SEAOSD members for new subscribers. Please click on the link below to find out what is included in the yearly subscription, sign up, and receive the discounted price of \$69.

<https://www.pubservice.com/SUBNEW1PAGE.aspx?PC=SD&PK=J68SES>

SE Research Showcase Day

Quick Links

[Our Website](#)

[Job Forum](#)

[Events](#)

The Structural Engineering Department at UC San Diego is one of the top academic and research entities in the field. Being the only standalone Structural Engineering program in the nation, our research spans a diverse range of structural materials, types, length scales, and application areas. The breadth of research activities can be broadly categorized into six core areas: Aerospace Structures & Advanced Composites; Civil Structures; Computational Mechanics; Geomechanics; Mechanics & Materials; and Structural Health Monitoring.

[Click here for more information](#)

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<https://usa.sika.com/>

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Progressive Multi-Family Design
New Opportunities for Light-Frame Mid-Rise Structures

Earn 4
AIA/CES LUs
or PDH credits

Photo Bruce Damonte

Wednesday, February 14, 8:30 AM to 2:00 PM @ Stone Brewery in Liberty Station

Hosted by WoodWorks - The Wood Products Council, this workshop will introduce a new California Building Code allowance for additional stories in podium structures and review specific ways it can impact building designs. Referencing built projects and common design techniques, discussion will cover fire-rated detailing, wood shaft walls, and cost-effective integration of mass timber into light wood-frame projects. Attendees will qualify for 4 AIA/CES LUs or PDH credits.

[Click here to register](#)



2017 Calendar

Stone Brewery
2816 Historic Decatur Rd.,
Bldg. 1, #116
San Diego, CA 92106

Tuesday, February 21, 2017
Student Night!

Tuesday, March 21, 2017 Member
Luncheon & Joint meeting with ACI
San Diego!

Monday, April 17, 2017 is our
Annual Golf Tournament at Twin
Oaks!

Tuesday, April 18, 2017 Member
Dinner!

*****Meeting sponsorship
opportunities available for the
2017 meetings. Contact
secretary@seaosd.org for more
details. Future meeting details
will be posted on the website
(www.seaosd.org) as they
become available.***

SEAOSD Board of Directors Meeting

The SEAOSD Board of Directors normally meets the second Tuesday of every month. The February Board of Director's meeting will be held on Tuesday, February 21, at 3:30 PM at the Stone Brewery. 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 past agendas/minutes can be viewed on the SEAOSD webpage at

<http://www.seaosd.org>.

Send correspondence to:
SEAOSD, P.O. Box 712922, Santee,
CA 92072, (619) 733-2734 or
email secretary@seaosd.org.

SEA-NEWS Deadlines

February 2017	01/20/17
March 2017	02/20/17
April 2017	03/20/17
May 2017	04/20/17
June 2017	05/20/17

These dates are subject to change.

You may contact the Editor:

Heather

secretary@seaosd.org

Phone: 619-733-2734

c/o SEAOSD

P.O. Box 712922, Santee CA 92072

All submissions must be given to
the Editor by **12:00 PM** the day of
the deadline to allow time for
formatting and printing.

Thank you,

SEAOSD Publications Committee