



SEAOSC Holiday Dinner Party

Wednesday, Dec. 5

At The Jonathan Club in Los Angeles

5:30 pm Reception

6:30 pm Dinner

Spouses and Guests Invited

Best social event of the year – don't miss it!

(See flyer at end of newsletter)

L.A. Dinner Mtg.

Wednesday, Dec. 5, 2012

HOLIDAY PARTY

Location: **Jonathan Club**, LA

Time:

5:30 pm Networking Time

6:30 pm Dinner

(See flyer at the end of this newsletter)

SAVE THE DATE:

LA Dinner Meeting

Wednesday, Jan. 9, 2013

Speaker: James Day

Location: **Pasadena Hilton**

President's Message

By Joe LaBrie, SE

Go Get It!!!

During a recent meeting for the Tri-Counties engineers in Ventura, Tom Harris (California Code Check) presented information that furthers my belief that we, as engineers, need to stay the course of continuous improvement. If we allow ourselves to be complacent about the quality of our work, we diminish the relevancy of our profession. Each of us needs to be vigilant to deliver only our very best to enhance our relevancy in our communities.

When I ponder the variety of ways that we can grow the stature of structural engineering, I come to some very fundamental practices that we can all embrace and do... starting with demanding the highest quality of our work products. In addition, each of us can dig deep for the inner passion that drives us to new levels of professional excellence. I was speaking to Jon Wirthlin of Coffman Engineers recently and I was impressed with the young ambition that he radiated. Jon is a man with a passion to be the best!

Early in my career, I did not have a balanced appreciation for the value of professional contribution through involvement in our association. With age, I have come to understand that our best hope for professional growth, more opportunities, and fulfillment in work, can best be realized by our willingness to engage in our professional societies... like SEAOSC. Join the SEAOSC LinkedIn Group to watch the changing landscape and real-time developments in our field. Meet as many Structural Engineers as you can; not just to increase your 'network', but because it is fun and rewarding. We each have a choice; to be involved and exchange creative ideas with our colleagues or not. Many of us have slipped into a complacent state in our professional practices. We live in an age where standing by and waiting for opportunities to come to us is not realistic. We live in an age that demands that we... "Go get it!"

Joe La Brie

Orange County Dinner Mtg.

Tuesday, Jan. 15, 2013

Program: Roof Drainage - Not My Problem...Maybe

Speaker: John Lawson

Location: Costa Mesa Country Club

Times: 5:30 pm: Networking;

6:30 pm: Dinner;

7:30-8:30pm: Program

Cost: \$35

(See green insert for registration form and details.)

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Visit our website:

www.seaosc.org

You can also follow us on:



In Memoriam

Luis Arevalo 1926-2012

Luis A. Arevalo passed away peacefully at his home on October 16, 2012.

Luis was born in El Salvador in 1926 but moved to Los Angeles when he was 19 years old to pursue his dream of attending USC. Yet he first had to attend LA City College to learn English and take some courses in architecture. In the evenings, he worked as a busboy at the Jonathan Club. Then, his plans were delayed when he was called for duty during the Korean War by the Army Corps of Engineers.

After the military and with a modest military stipend, he was finally able to enroll at the University of Southern California to begin work on his degree. He connected with Mr. Wright (of Kistner, Wright & Wright) whom he had met earlier while working at the Jonathan Club. He did moonlight work for him while he pursued and obtained his B.S. and M.S. in Civil and Structural Engineering at USC. Fittingly, 15 years later, Mr. Wright was Luis's sponsor for membership into the Jonathan Club.

Luis went on to work for Pereira Luckman and then Gruen Associates before eventually opening up his own structural engineering firm in 1956. He maintained a successful private practice with offices in Pasadena and San Diego designing a variety of structures

including mid-rise hotels, airports and office buildings. All the while, he was known for helping and mentoring many young engineers at the beginning of their careers.

Other than his passion for his family and engineering, Luis had a general love for life and adventure. He and his wife traveled the world with some of his favorite places being Spain, France, Italy and China. His adventurous side led to such activities as obtaining a pilot's license.

Despite all his successes, he is remembered by most as that smiling, happy and generous person. Throughout his lifetime, he provided countless pro-bono architectural and structural engineering services to friends, family and his Church.

He is survived by his wife of 61 years - Mary Arevalo and 6 children: Maria, Albert, Isabel, Ricardo, Rosana and Mairena. He also was the patriarch for 14 grandchildren.

Luis requested that, in lieu of flowers, donations be sent to The Cancer Support Community in Pasadena where both he and Mary were active participants and volunteers for the past 20 years.



SEAOC, SK Ghosh Associates Present Wind Loads on PV Arrays Webinar Dec. 6

SEAOC is pleased to join SK Ghosh Associates in presenting a webinar, Wind Loads on PV Arrays, on Dec. 6, 2012

Ron LaPlante, S.E., Chair of SEAOC's Solar PV Systems Committee, will team with SKGA's Jason Erickson, S.E. on the presentation.



LaPlante will address the guidelines for determining wind loads for sloped PV arrays on flat commercial roofs, as contained in SEAOC's 2012 report PV2-2012.

Erickson will discuss current recommendations, including those from the Solar America Board for Codes and Standards (SolarABCS), for ground-supported PV arrays and flush-mounted arrays common in residential construction.



The webinar, which is scheduled for 9-11 a.m. Thursday, Dec. 6 marks the first collaboration between SEAOC and SKGA on an educational webinar.

Please visit this web address for more information and to register: <http://skghoshassociates.com/seminar-id-136/>



ACE-LA Mentoring is Looking for Volunteers

The Los Angeles chapter of the ACE (Architectural-Construction-engineering) mentoring program is looking for assistance from engineers in our local industry to serve as volunteer mentors to introduce students to our affiliated fields. ACE-LA (<http://www.acementor.org/579>) is a 10 year old non-profit organization that has 100 “alumni” in college or trades training and last year served 300 students at 24 schools across the Southland (various schools throughout Los Angeles, Pasadena, Long Beach, Santa Ana, Costa Mesa).

Mentors usually meet with the students every other week for about 2-3 hours in the afternoon, but there are also a number of one-time opportunities to do a presentation or to host a single meeting at your office. During the fall, most of the interactions will involve job site visits or visits to offices/demonstration facilities, as the students learn about the different roles. Then in the Winter and Spring, the students will engage in a design competition that culminates in May. The kids love to meet and talk with real professionals in order to imagine a future for themselves that is interesting and worthwhile. If you or your firm are interested in learning more about volunteering or supporting this effort, please contact Erin McConahey at erin.mcconahey@arup.com or Chuck Whitaker at whitaker@johnmartin.com.



WELCOME,
New Members!



ASSOCIATE, AS1, AS2, AS3, AS4

Alcantara, Eliza, AS1, Brandow & Johnston, Los Angeles, CA, elcantara@bjsce.com

Aryaee, Negin, AS3, Saiful/Bouqet, Pasadena, CA naryaee@gmail.com

Chickneas, Jason, Associate, Bentley Systems, Inc., Yorba Linda, CA, Jason.chickneas@alumni.upenn.edu

Cobb, Chris, AS3, Burkett & Wong Engineers, San Diego, CA ccobb@burkett-wong.com

Fonturbel, John, Associate, Consultant, Los Osos, CA, johnfonturbel@gmail.com

Gong, Xiaomi, AS2, Brandow & Johnston, Los Angeles, CA, xgong@bng.com

Hagen, Garrett, AS1, Degenkolb Engineers, Los Angeles, CA ghagen@degenkolb.com

Hang, Jefferson, AS1, Brandow & Johnston, Los Angeles, CA, jhang@bjsce.com

Lyle, Neda, AS2, City of Santa Monica, Santa Monica, CA neda.lyle@yahoo.com

AFFILIATE

White, Alan, GB Geotechnics USA Inc, Santa Monica, CA awhite@gbg-us.com

Students (schools)

Cal Poly San Luis Obispo

California State University Northridge

SEAOSC Calendar



DECEMBER

- 5 5:30pm Holiday Party The Jonathan Club, L.A.
7 Newsletter Deadline for Jan. 2013 Issue

JANUARY

- 9 5:30 LA Dinner Meeting Pasadena Hilton
15 5:30 OC Dinner Meeting Costa Mesa Country

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

SEAOSC ANNUAL EVENTS

- Feb. 1: Student Awards Night Dinner
February: YM Field Trip to UCSD Englekirk Center
Apr. 30: Deadline to Submit Excellence in Structural Engineering Posterboards
June 6: Excellence in Structural Engineering Awards Dinner
Aug. 1: Field Day
Sept. 12-15: SEAOC Convention
Oct. 11: Buildings At Risk Summit
Oct. 18: Annual Shakeout Event

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

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.



Next SEAOSC
Newsletter Deadline:
Dec. 7
for the January Newsletter



You Are Invited to Attend
SEAOSC's Holiday Party
Dec. 5, 2012

at The Jonathan Club
545 South Figueroa Street
Los Angeles, CA 9007

Reception: 5:30 pm

Dinner: 6:30 pm

Cost: \$95

Attire: Holiday Semi-Formal

Gentlemen: Neckties Required by Club

Ladies: We suggest a sweater or jacket for
Reception on patio with heaters



Exclusive Sponsor

Name(s): _____

Amount: _____

Credit Card Number: _____

Zip Code: _____ CVV Code: _____

Structural Engineers Association of Southern California



Orange County Dinner Meeting

Tuesday, Jan. 15, 2013

Program: **“Roof Drainage — Not My Problem — Maybe”**
Engineering Challenges, Failures and Solutions Associated with Flat Roof Drainage

Abstract: Many structural engineers are surprised to learn that the International Building Code (IBC, 2009) requires the roof structure to be engineered for standing water weight in the vicinity of the drains and scuppers regardless of roof slope. In addition, some low-slope roofs also require special attention for water weight and stiffness for safety against ponding failures or protection against accelerated roofing deterioration. With a mixture of overlapping design disciplines between the architect, plumbing consultant and structural engineer, proper roof drainage is often not fully addressed in building design and can lead to catastrophic collapse. John Lawson has been involved as an expert consultant in several California roof collapses resulting from excessive rain water accumulation, and brings some lessons learned to the profession. This presentation provides an overview of the various disciplines involved in transporting rainwater from roofs as well as recommendations for complying with code requirements.

Location: Costa Mesa Country Club

Networking Time: 5:30pm

Dinner: 6:30pm

Program: 7:30-8:30pm

Cost: \$35; Students: \$15

Speaker: John Lawson is a licensed Structural Engineer in California and Arizona and has overseen the design of over 100 million square feet of low-slope roof systems. He has a Masters degree in Structural Engineer from Stanford University, and a Bachelors in Architectural Engineering from Cal Poly San Luis Obispo, where he is currently a tenure-track professor and recipient of the CFA Distinguished Educator Award. Mr. Lawson is also a Structural Specialist in Orange County’s FEMA Urban Search & Rescue program, with special training in collapsed structures, and has been deployed to earthquakes, hurricanes, and the Oklahoma City Bombing.



Reservations: Make advance reservation before Tuesday, Jan. 13 via SEAOSC.org, fax or email. SEAOSC is charged for “no-shows” so please notify office if you must cancel. Prepay by providing your credit card number and expiration date. “Walk-ins” welcome.

ORANGE COUNTY DINNER RESERVATION FORM: Jan. 15, 2013

Reservations Due Before: Jan. 13, 2013

Name: _____ Phone: _____

Number of Attendees: ___ @ \$35 = \$ _____

Number of Students: ___ @ \$15 = \$ _____

TOTAL = \$ _____

Your email: _____

Credit Card Number: _____ Expiration: _____

Signature: _____ 3 digits on back of card: _____

Billing Address: _____ Zip Code: _____

TENURE TRACK FACULTY POSITION OPENING

An Assistant Professor position with emphasis in Structural Engineering is available in the Department of Civil Engineering and Construction Engineering Management at California State University – Long Beach, Long Beach, California effective in August 2013. Please contact Ameeta.Perera@csulb.edu for further information.

CSULB is an Affirmative Action/Equal Opportunity Employer.



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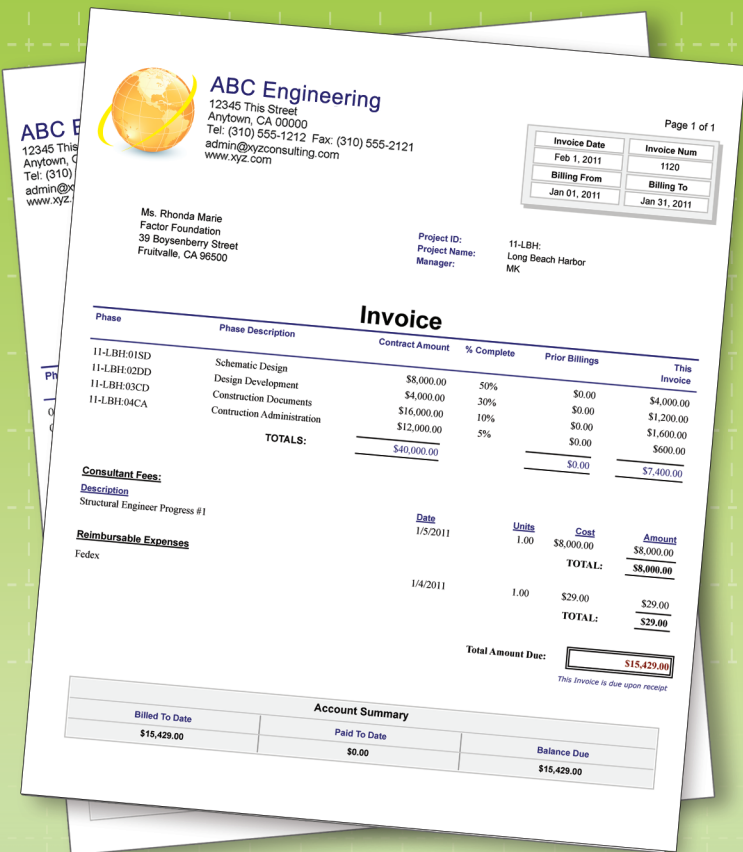
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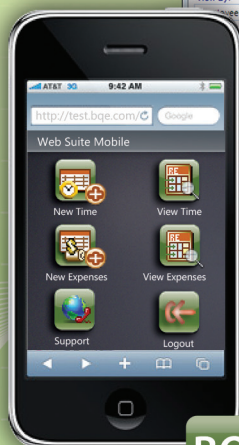
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ID	Activity ID	Description	Mon (29)	Tue (30)	Wed (1)	Thu (2)	Fri (3)	Total
Country Club:	Cad Plot:	CAD PLOTTING		2		3.5		5.50
Health Dept:	Prelim Design:	PRELIMINARY DESIGN	1		2.5		2	5.50
Principal Offices-2:	Plan Review:	PLAN REVIEW	2			1.5		3.50
Prince Airport:	Field Insp:	FIELD INSPECTION	1.5		2			3.50
General:	Gen Office:	GENERAL OFFICE/CLERICAL		3				3.00
Principal Offices-2:	Report:	REPORT LETTER		1				3.00
D. NY:	BD Liaison:	BUILDING DEPARTMENT LIAISON			2.5			2.50
IN2-CD	Coordination:	CONSULTANT COORDINATION	1			1.5		2.50
ord1-SD	Conf Client:	CONFERENCE WITH CONTRACTOR					1.5	1.50
			5.50	6.00	7.00	6.50	3.50	32.50



REINFORCED MASONRY ENGINEERING HANDBOOK, SEVENTH EDITION

NEW!!

Reinforced Masonry Engineering Handbook, 7th Edition, is based on the requirements of the 2012 IBC, the *Building Code Requirements for Masonry Structures* (TMS 402-11/ACI 530-11/ASCE 5-11), *Specification for Masonry Structures* (TMS 602-11/ACI 530.1-11/ASCE 6-11) and ASCE 7-10. This book is useful to designers of reinforced masonry in eliminating repetitious and routine calculations.

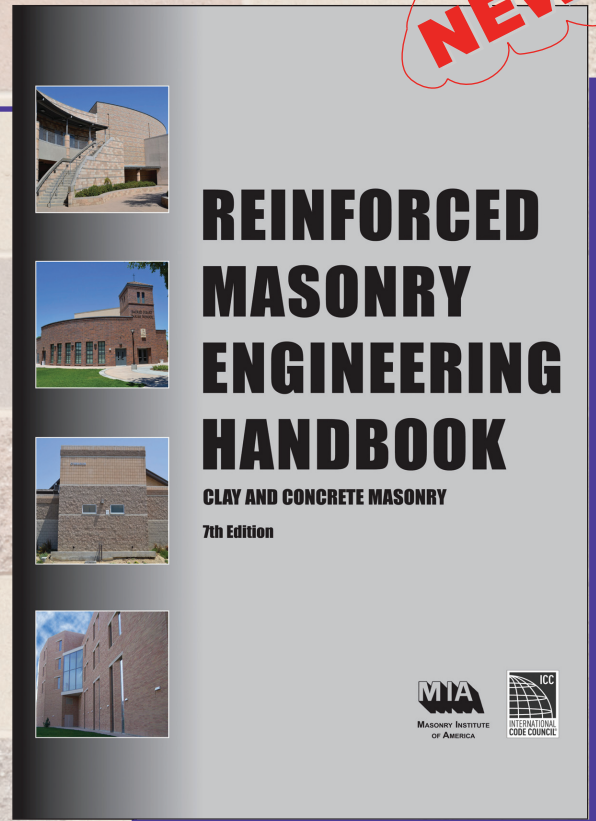
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MIA 602-12 10-12 7.5M

2012-2013 SEAOSC Officers

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	Email	
President	Joe LaBrie ²	626-445-0366	labrie@makeitright.net	
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