

SEAI NEWSLETTER

October 2008



Structural Engineers Association of Idaho

P.O. Box 8733, Boise, ID 83707

www.seaidaho.org

SEAI Mission Statement:

"To promote and enhance the Structural Engineering profession in Idaho by educating the public about the activities of Structural Engineers and their benefit to society and by providing professional development and support to SEAI members that is relevant, reliable, and inspirational to modern engineering practices."

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SEAI MEETING — OCT 16TH — THURSDAY



Please RSVP to Leif Elgethun at or lelgethun@leavittengineers.com 395-2458 by noon the Monday before the meeting with your entrée selection. We will turn no one away at the door, but if we do not receive your RSVP on time we cannot guarantee that there will be any food for you to eat! Please note that, regardless of whether you eat or not, you will still need to pay meeting fees, so get those RSVP's in! **Also, if you RSVP and decided not to show, Murphy's will still charge SEAI for your lunch and SEAI will politely pass this charge on to you.**

Meeting Location:

Murphy's Seafood & Steakhouse
1555 Broadway Ave.
Boise, ID 83705

Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger

Meeting Focus:

Wells, Nevada –
Earthquake Inspections

Speaker:

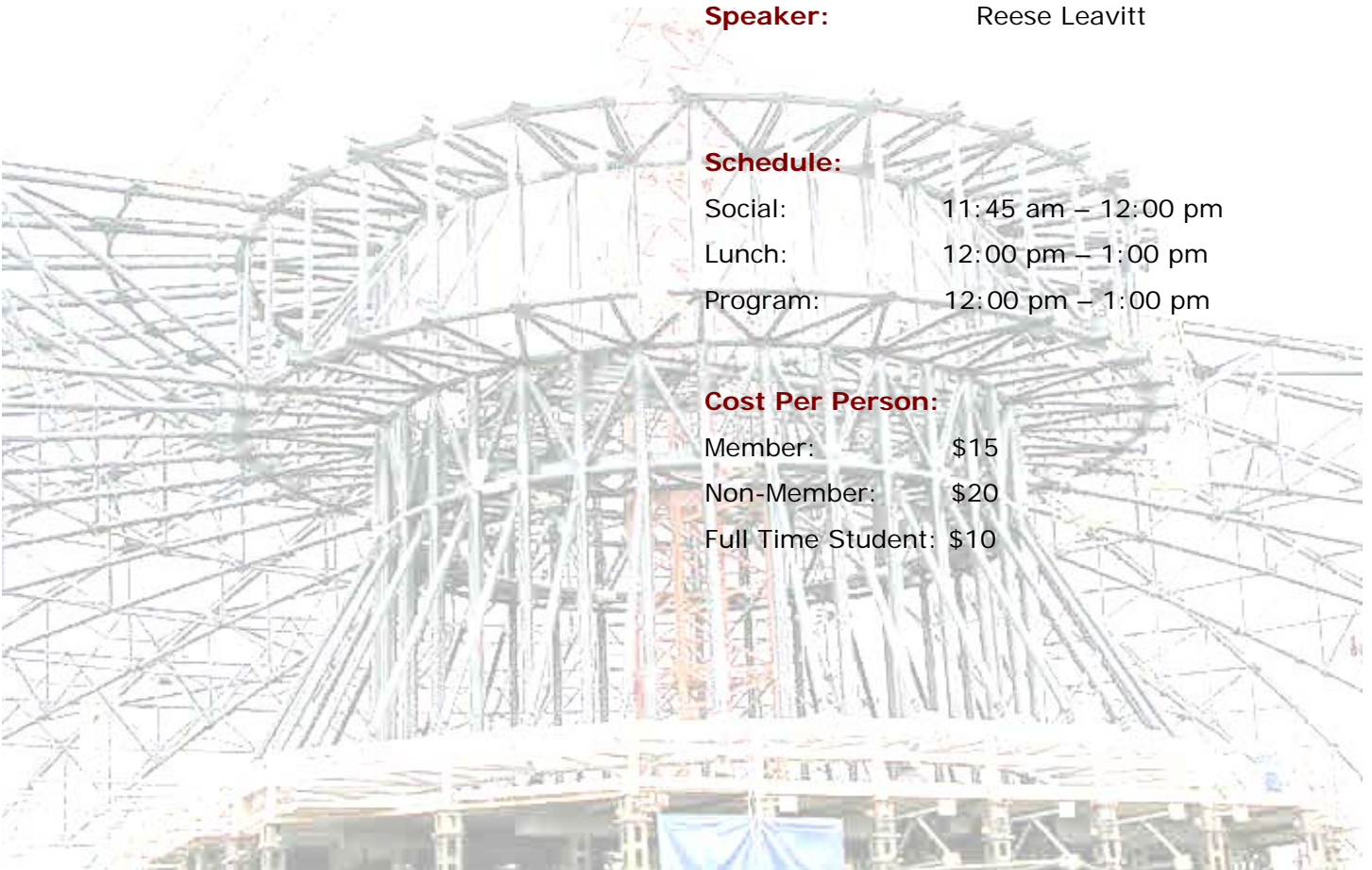
Reese Leavitt

Schedule:

Social:	11:45 am – 12:00 pm
Lunch:	12:00 pm – 1:00 pm
Program:	12:00 pm – 1:00 pm

Cost Per Person:

Member:	\$15
Non-Member:	\$20
Full Time Student:	\$10



Announcements:

PRESIDENT'S MESSAGE

What a pleasure it is to be a part of the Structural Engineers Association of Idaho. I find myself surrounded by a highly capable board, and great members doing great things to make a difference in our profession and in our community.

I want to personally thank all those who helped make the SEA Northwest Conference a tremendous success this past summer in Sun Valley. The presenters and vendor participation were outstanding. The 2008 Conference Organizing Committee consisted of Sarah McClendon (Committee Co-Chair and Hospitality), Chris Holladay (Committee Co-Chair), Aaron Heinrich and Wilson Antoniuk (Speakers), Brian Waddell (Vendors), Chris Merrill (Sports), Joe Lane (Publicity), David Sansotta (Registration), Brian Garner (Treasurer), and Tyler Haney (Webmaster). Be sure to ask Chris about the newest twist on the wet t-shirt component of the water activity.

On my desk, right next to this computer keyboard, is a small measuring tape. On the case is written the words "measure twice, cut once". It was given to me by a member of our staff, perhaps because she has heard me say it more than a few times over the years. I first heard the expression while working during high school as a laborer for a general contractor and master carpenter. In fact, the only other phrase

I heard more often from my boss was "gad-dang it Kent, I'm going to dock your wages". The concept of thinking things through before expending labor or materials has stuck with me throughout my career. It was brought home again at the SEA Northwest Conference. Leslie E. Robertson, structural engineer for many of the tallest buildings in the world, shared his approach to design:

1. Think about the problem
2. Sketch the approaches.
3. Sketch some more.
4. Sketch some more.
5. Establish the criteria.
6. Dive into the numbers.

I am looking forward to an exciting and successful year with SEAI. Come join in. Be involved. Get a friend or colleague to join us for a lunch meeting or seminar. I think you will agree there are opportunities for growth and learning as you rub shoulders with those who have successfully measured twice, and cut once.



In partnership with:
The WorkPlace Group, Inc.

Title: Principal C/S/A Engineer I/II (Structural Background)
Location: Idaho Falls, ID

Burns and Roe – Powering The Future

If “**Being the Best to the Best**” is what drives you, then you and the staff at Burns and Roe share the same maxim!

Burns and Roe is a thriving international engineering company that, for over 75 years, has been delivering first-of-a-kind engineering projects and innovative solutions to leading commercial firms and government agencies worldwide. Our full spectrum of services is focused on technically complex Engineering, Procurement, Construction Management, Operations and Maintenance programs to utilities (fossil and nuclear), independent and industrial power producers.

Our 1900+ employees worldwide are among the best in the industry. And in keeping with our commitment to retain the best employees in the industry, Burns and Roe offers a solidly competitive compensation package, tuition reimbursement programs and immediate vesting in our 401(k) plan. We encourage career development and firmly believe that company growth is dependent on our ability to stimulate the professional growth of our employees.

We are seeking a **Principal C/S/A Engineer I/II in Idaho Falls, ID.**

Minimum of 12 years of progressive experience in power, industrial and/or related fields (experience in nuclear is preferred). Plan, organize, coordinate and supervise engineering activities in the civil/structural/architectural engineering department. Ability to communicate clearly and effectively both orally and in writing.

Responsibilities:

- To direct all engineering activities in a specific discipline (Structural background) on assigned project(s) in accordance with the highest technical standard and all applicable legal and professional codes.
- Directs the efforts of several subordinate supervisors or team leaders representing several organizational segments or departments of the company. Will serve as a supervisory capacity, is responsible for an important segment of a very extensive and highly diversified engineering program, or the entire program. Responsibilities include: deciding the kind and extent of engineering and related programs needed to accomplish objectives, choosing the scientific approaches, planning and organizing methods to achieve objectives, and interpreting results.
- Makes decisions and recommendations that are recognized as authoritative, have a far-reaching impact on extensive engineering and related activities of the corporation.
- Negotiates critical and controversial issues with top-level engineers and officers of other organizations and companies.

Education:

BS in Civil/Structural/Architectural Engineering is required. PE license is required. MS preferred.

For immediate consideration, please follow this link: <https://www.hirebridge.com/application/appchoice.asp?jid=68340>

Or submit your resume via email to: job06@workplacegroup.com

The WorkPlace Group, Inc. (WPG) a Recruitment Process Outsourcing Company (RPO), is partnering with Burns and Roe as an extension of their Human Resources to fill this position. This is a direct hire with Burns and Roe.

No agency submissions will be accepted. The WorkPlace Group, Inc. and Burns and Roe are Equal Opportunity Employers and are committed to hiring and supporting a diverse workforce. AM/F/D/V.



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For more information regarding our services please contact us at 1-877-WPG-TEAM or www.workplacegroup.com

STRUCTURAL MASONRY DESIGN SEMINAR

The Northwest Concrete Masonry Association will be conducting a one-day seminar focusing on the design of reinforced concrete masonry construction. Both working stress and strength design methods of the 2006 IBC and 2005 MSJC codes will be covered.

The remaining seminars will be held as scheduled below:

November 11th Corvallis, OR

The seminar will cover design examples of masonry building elements by manual and automated methods. It is aimed at practicing engineers who want to learn how to design masonry in a practical and efficient manner.

Additional information can be obtained from the Northwest Concrete Masonry Association at 425.697.5298 or www.nwcma.org.

**GET INVOLVED WITH YOUR NEWSLETTER!**

The SEAI Newsletter is a monthly publication. Newsletter submissions are encouraged from the SEAI community. If you have a suggestion, feature, link, product review or anything else that may be of interest to the newsletter readers, please email them to our newsletter editor, David Sansotta, at david.sansotta@ehmengineers.com

WISH TO PLACE AN AD IN THE NEWSLETTER?

If so, please contact our Treasurer, Brian Garner, at bgarner@callengineering.com or at 321-2656.

Monthly Rates for Advertising

Standard Business Card.....	\$50
Quarter Page.....	\$90
Half Page.....	\$120
Full Page.....	\$150

10% discount for ads running multiple months

LET YOUR MEMBERSHIP WORK FOR YOU!

If you have any suggestions for future speakers, items of discussion or anything else that you think would be beneficial to the structural engineers attending SEAI meetings, please send your comments/ideas to Leif Elgethun by email at lelgethun@leavittengineers.com or by phone at 301-2293.

STRUCTURES MAGAZINE!

As part of your SEAI membership you should be receiving **STRUCTURE® magazine** in the mail every month. If you are not, please verify that you have paid your SEAI dues this year and then send your name and mailing address to Sarah McClendon at sarah@mcclendonengineering.com

EVENT CALENDAR

- Oct. 16, 2008** Reese Leavitt – Wells, NV
Earthquake Inspections
- Jan. 15, 2009** Fay Salim & Frank Pospisil –
US Gypsum
- Feb. 19, 2009** Holly Schaubert – Verco
Steel Decking

PAST EVENTS

- Sept. 18th, 2008** David L. Curtis – Cont. Prof.
Development
Boise Fire Dept.
- May 15, 2008**
- June 19-21, 2008** SEA NW Conference
Sun Valley, Idaho
- April, 17, 2008** Scott Isaac - Concrete
rehab w/ FRP
- March 20, 2008** Shawn Reeder - P.E. Wood
Trusses
- Feb. 21, 2008** Randall R. Park –
Accelerated Bridge
Construction
- Jan. 17, 2008** Steve Benner – LEED and
USGBC Buildings



STRUCTURAL ENGINEERING LINKS

FEATURED LINK: *“Structures are held up by both luck and skill”* By Ken Carper
<http://www.djc.com/special/const97/10023874.htm>

Applied Technology Council - <http://www.atcouncil.org>

Idaho Board of Professional Engineers and Land Surveyors - <http://www2.state.id.us/ipels/>

City of Boise Sp. Insp. Checklist – http://www.cityofboise.org/pds/applications/Building/Special_Inspections.pdf

Design Build Magazine (McGraw-Hill) - <http://www.designbuildmag.com/>

Engineering & (Bi-Weekly Newsletter) - <http://www.engineeringand.com>

Engineering Forum - <http://www.eng-tips.com/>

Structural Engineers Association International - <http://www.seaint.org/>

Structural Engineers Association of Utah - <http://www.seau.org/>

Structural Engineers Association of Washington - <http://www.seaw.org/>

Structural Engineers of Oregon - <http://www.seao.org/main.htm>

Structural Engineers of Idaho - <http://www.seaidaho.org>

National Council of Structural Engineers Association - <http://www.ncsea.com>

