



## Structural Engineers Association of Idaho

P.O. Box 8733, Boise, ID 83707

[www.seaidaho.org](http://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."

### BOARD OF DIRECTORS & AND COMMITTEE CHAIRS

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## SEAI MEETING — SEPT 16<sup>TH</sup> — THURSDAY



Please RSVP to Brian Sielaff at [brian.sielaff@tamarackgrove.com](mailto:brian.sielaff@tamarackgrove.com) 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 83706  
[www.primedime.com](http://www.primedime.com)

### Food Entrées:

- 1) Chicken Caesar Salad
- 2) Whiskey Chicken
- 3) Beef Chop Burger
- 4) Chicken Stir-Fry w/ Noodles

**Meeting Focus:** TBD

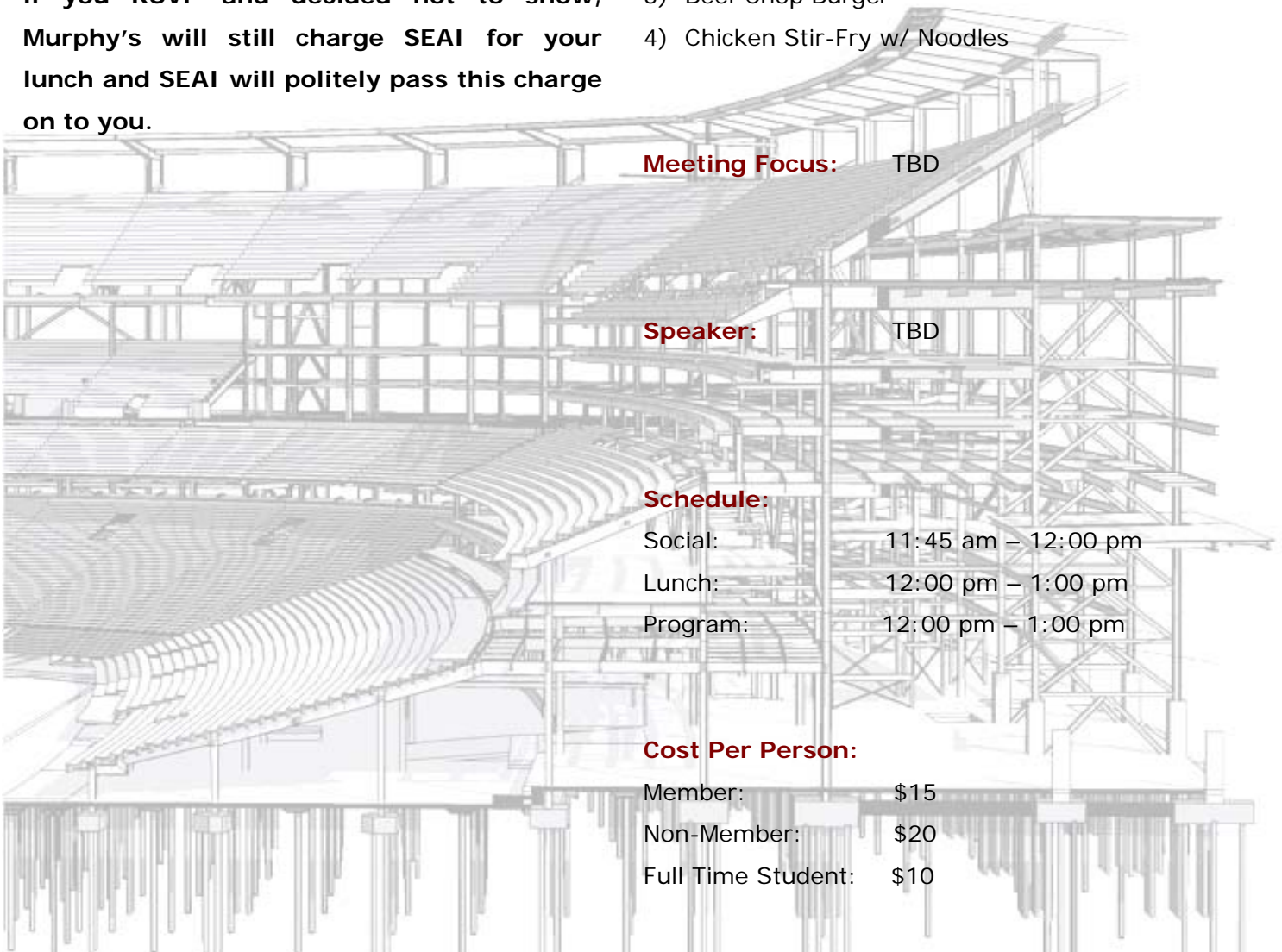
**Speaker:** TBD

### 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:

### SEAI LUNCHEON PRESENTATION

The luncheon presentation is still to be determined. As soon as a speaker is confirmed for the luncheon an email will be sent out with the presentation topic and information.

### A WORD FROM THE SEAI BOARD

*By: Ash Hobbs, Membership Chairman*

Reminder: SEA Idaho membership renewals are due Oct 21. Renewal or new membership forms can be downloaded from the SEA Idaho website at <http://www.seaidaho.org/Pages/downloads.html>. For questions about new membership, existing membership status, or changes in contact information, please email Ash Hobbs at [ash.hobbs@powereng.com](mailto:ash.hobbs@powereng.com).

Despite stormy economics in construction and engineering fields, SEA Idaho continues to grow and evolve. As of the end of the 2009/2010 year, SEA Idaho had a total of 80 members, representing 26 different businesses. Total membership includes Corporate Members, Affiliate Members, Life Members, Student Members, and Emeritus Members.

**Table 1: SEA Idaho Membership by Membership Type**

Membership Type	Number of Members	% of Total
Corporate (ID SE)	20	25.0%
Corporate (not ID SE)	31	38.8%
Affiliate	21	26.3%
Life	4	5.0%
Student	2	2.5%
Emeritus	2	2.5%
<b>Total</b>	<b>80</b>	<b>100%</b>

**SEA Idaho membership by type**

One of the biggest areas of confusion to new members is the difference between Corporate membership and Affiliate membership. The SEA Idaho by-laws Article III defines the difference in membership types as follows:

A. A CORPORATE MEMBER shall be a registered engineer in the State of Idaho who is in responsible charge of design, construction, or research relating to structures of major importance, or is engaged in teaching the profession of Structural Engineering.

B. An AFFILIATE MEMBER shall be one who is not a registered engineer in the State of Idaho, but who is regularly engaged in a business relative to Structural Engineering, or is regularly employed in the field of Structural Engineering. An Affiliate member shall automatically be enrolled as a Corporate member upon notification to the Board of his registration as a Professional Engineer by the State of Idaho.

C. A LIFE MEMBER shall be a member who, in the opinion of the majority of the Board, has by virtue of their wide reputation, their outstanding professional accomplishments, and their long and devoted professional life brought distinction, eminence and esteem to this Association and to their profession. For consideration, nominee shall have been a member in good standing of this Association for a minimum of 15 years; or in the opinion of the Board is entitled to LIFE membership because of special circumstances. LIFE MEMBERS shall be entitled to henceforth enjoy all privileges of full membership and are exempt from any further dues.

D. An EMERITUS MEMBER shall be a member who has retired from the active profession of or related to structural engineering and has been in good standing of this Association for a minimum of 10 years. An

EMERITUS MEMBER shall be entitled to henceforth enjoy all privileges of full membership subject to nominal annual dues.

E. A STUDENT MEMBER shall be a member who is actively pursuing a degree in civil engineering, civil/construction engineering technology, or other related curriculum. Student members shall enjoy privileges associated with AFFILIATE MEMBERSHIP except for the privilege to vote. STUDENT MEMBER grade is subject to nominal annual dues. Bylaws are downloadable from the SEA Idaho website at <http://www.seaidaho.org/Pages/downloads.html>.

There is little question that SEA Idaho has traditionally been dominated by membership in southwest Idaho. The obvious reason for this concentration is that our meetings and seminars are typically held in the Boise area. The recently added requirements for Professional Development Hours (PDH) in Idaho has made it apparent to the Board that we cannot continue to operate predominately as a regional organization, as licensed engineers from areas outside of the Boise area struggle to find affordable and convenient PDH opportunities. Among other possibilities, we are currently planning to host web-based meetings for those that cannot attend meetings in person (details to be announced soon).

**Table 2: SEA Idaho Membership by Geographic Area**

Geographic Location	Number of Members	% of Total
Southwest Idaho	74	92.5%
Boise/Meridian, ID	(71)	(88.8%)
Caldwell, ID	(2)	(2.5%)
Kuna, ID	(1)	(1.3%)
Pocatello, ID	1	1.3%
Post Falls, ID	1	1.3%
Seattle, Washington	2	2.5%
Alaska	1	1.3%
Unknown	1	1.3%
<b>Total</b>	<b>80</b>	<b>100%</b>

Involvement in SEA Idaho has fluctuated over the past several years, but has slowly risen over time. Table 3 summarizes the number of SEA Idaho members from the end of the 2005/2006 year to the end of the 2009/2010 year. From 68 members at the end of 2005/2006, SEA Idaho has grown to the current 80 members.

**Table 3: SEA Idaho Membership by Year**

Year	Number of Members	% Increase/Decrease from Previous Year
2005/2006	68	-
2006/2007	77	+13.2%
2007/2008	75	-2.6%
2008/2009	82	+9.3%
2009/2010	80	-2.4%

The value of an active membership in a professional organization may be even more important in a troubled economy than in a boom year. Unfortunately, many jobs have been lost as a result of the “Great Recession” but one of the most

effective ways of finding a new position is to network, and SEA Idaho provides an excellent opportunity to connect with others in the field of structural engineering. For those who are seeking employment, I would encourage continued involvement -- if not even more involvement -- in SEA Idaho as an integral part of their job search. This is an excellent time to make your membership work for you. The Board is always looking for volunteers to serve on our various committees.

The Board continues to strive to add value to SEA Idaho membership. As always, please contact a Board member if you have an idea that would help us to achieve our goals and improve SEA Idaho. We are excited to kick off the 2010/2011 year with our first meeting of the year on Sept 16th.

I hope to see you there!

## **2<sup>ND</sup> ANNUAL AISC STEEL DAY & RULE STEEL 50<sup>TH</sup> ANNIVERSARY**

The 2<sup>nd</sup> annual AISC Steel Day and Rule Steel's 50<sup>th</sup> anniversary celebration will be held Friday, September 24<sup>th</sup> at Rule Steel in Caldwell. There will be live steel processing demos, educational presentations, discussions, software demos, "tools of the trade" exhibits, and networking opportunities. Lunch and refreshments will be provided. Please make sure to RSVP by September 17 if you plan on attending by calling Noella or Barbara at 208-585-3031. See the flyer on the next page for more information.

### **WISH TO PLACE AN AD IN THE NEWSLETTER?**

If so, please contact our Treasurer, Patrick Bird, at [patrick@riverstonesc.com](mailto:patrick@riverstonesc.com) or at 343-2092.

#### **Monthly Rates for Advertising**

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

*10% discount for ads running multiple months*

## ***AISC National SteelDay Event Rule Steel's 50th Anniversary Celebration***



**Join us Friday  
September 24th  
@ Rule Steel**



### **STEEL - "The Backbone of Modern Construction"**

- Live Automated Beam Processing and Cutting Demos
- Educational Cutting and Welding Presentations
- Informative Discussions - Where and How Are Gases Generated
- Advanced Tekla 3D Structural Software Demos
- Networking Opportunities with Industry Experts
- "Tools of the Trade Exhibits" Trucks, Cranes and Heavy Equipment

Come and Enjoy the Day with us &  
Be a part of this Nation Wide Event



September 24th

**\*Steel Day** 9:00 AM -12:00 PM

**\*Anniversary and other events** 9:00 AM - 3:00 PM

Refreshments & Lunch will be served

Please RSVP by 9/17/10 by calling Noella or Barbara @ 208-585-3031

**Rule Steel**  
11299 Bass Ln.  
Caldwell, Id 83605

**Visit Our Website**  
**WWW.RULESTEEL.COM**  
Or call 208-585-3031 for Information

**LET YOUR MEMBERSHIP WORK FOR YOU!**

We are looking for more speakers for our SEAI luncheon meetings. 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 and ideas to Brian Sielaff at [brian.sielaff@tamarackgrove.com](mailto:brian.sielaff@tamarackgrove.com).

**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](mailto:sarah@mcclendonengineering.com)

**EVENT CALENDAR**

**Sept. 16, 2010** TBD

**PAST EVENTS**

**May 20, 2010** Robert Bruce, Building Collapse, Haiti Earthquake  
**Apr. 15, 2010** Casey Goade, Solid Earth Solutions  
**Mar. 18, 2010** Brad Moyes, NCSEA  
**Feb. 18, 2010** Bob Warner, Cold Formed Steel Truss Design & Mfr.  
**Jan. 21, 2010** Dave Jackson, Seismic Retrofits  
**Nov. 19, 2009** Sarah McClendon, SEA Conferences  
**Oct. 15, 2009** Tony Peterson, PNA Construction Technologies  
**Sept. 17, 2009** Joel Levenberg, Structural Group – Strengthening Div.  
**May 21, 2009** Larry Boyer, Vulcraft, Steel Joists

**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@core-engineering.net](mailto:david.sansotta@core-engineering.net)

## STRUCTURAL ENGINEERING LINKS

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**FEATURED LINK:** *New Zealand Earthquake*

[http://www.google.com/hostednews/ap/article/ALeqM5gLE5Mss9oMr\\_dpRNOuQ19HacFrRQD9I1DGVO4](http://www.google.com/hostednews/ap/article/ALeqM5gLE5Mss9oMr_dpRNOuQ19HacFrRQD9I1DGVO4)

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](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>

Design Load Guidelines – <http://www.idabo.org/loads.htm>

