



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

DALLAS CHAPTER
www.seaot.org

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May 2015 Newsletter

Meeting Info

Date: Tuesday,
May 19, 2015

Doors Open: **11:30 am**
Lunch Starts: **11:45 am**
Program: **12:00- 1:00pm**

Location:

Maggiano's Little Italy
205 North Park Center
Dallas, TX

Lunch Seminar

Members: \$25
Non-Members: \$35
Students: \$10
No Meal: \$0

Reservations

Please register by **Friday, May 15, 2015**.

[Click Here](#) to register on-line.

Cancellations must be made by **the same time** to be honored.

New ACI 318-14

***Presented by Larry Novak, SE, SECB, F.ACI, F.SEI, LEED AP,
Director of Structural Engineering, Portland Cement Association***

The American Concrete Institute has recently published the newest edition of the ACI 318, "Building Code Requirements for Structural Concrete (ACI 318-14). This edition represents the first major change in Code organization in over 40 years and has been completely reorganized from a designer's perspective. This presentation will help you get acquainted with the new organization and various technical changes to the code as quickly as possible and demonstrate how you can ensure that your design fully complies with the new Code.

Lawrence Novak is the Director of Structural Engineering for the Portland Cement Association. Prior to joining PCA, he was an Associate Partner with Skidmore, Owings & Merrill where he served as the lead structural engineer for the Burj Khalifa, the world's tallest building. Novak serves on several technical committees, including the ACI 318 Concrete Building Code committee, the ACI 130 committee on Sustainability of Concrete and ASCE/SEI 7 committee on Building Design Loads.

He has served as Director on the governing boards for organizations including SEAOT, TCA and the Illinois Engineering Hall of Fame. He has co-authored numerous papers on engineering and is a recipient of SEAOT's "Meritorious Publication Award", the NCSEA's "Outstanding Structural Engineering Publication Award" and the United Kingdom's "Oscar Faber Award". Novak is the recipient of the SEAOT "Most Innovative Structure Award" for the Burj Khalifa project. In 2010, he was selected as the "Centennial Lecturer" in engineering and he was named the "Citizen Engineer of the Year" by the Illinois Chapter of ASCE. In 2010, he was selected as the ACI "Speaker of the Year". Novak utilizes exciting interactive demonstrations to bring structural concepts to life with the goal to inspire.

1.0 Professional Development Hour



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President's Message

By John Turner, PE

This Association needs your help. There are 5833 PEs in Texas listed with the state as structural. This is about 10 percent of the engineering population. In addition, there are likely a great many civil engineers practicing in the structural discipline. We also have a large number of EITs and graduate engineers in the practice. SEAOt has a statewide membership of 766; of these, 221 are in the Dallas chapter. We all work with engineers who are not members of SEAOt for many different reasons. Sometimes this is because a firm will only pay for one organizational membership per employee (or none at all). In some cases, engineers are members of TSPE or ASCE or another group, and as a matter of course, they do not have time to devote to more than one association. Whatever the reason, SEAOt wants to encourage those practicing in the structural discipline to become active with SEAOt. For firms with multiple engineers, SEAOt now offers firms a membership plan that essentially provides free membership to every fifth member. If your firm is not aware of this and is paying each membership separately, they may benefit from the reduced pricing.

As part of membership, members of SEAOt have access to IBC and the other International codes. Access can be made through the seaot.org website, which sends you to the ICC website. This website also has features to help you know which jurisdictions use which code (for some jurisdictions.) This is a valuable benefit that puts ALL of the Codes on your desktop.

At the most recent board meeting, I was drafted to head up the "member benefits" committee of the SEAOt state board. To that end, we are looking at options that could bring even more value to your membership. The goal is to organize programs and discounts catering to those in our profession as engineers and business owners. Let me know if you have ideas about what SEAOt might or should be doing with respect to member benefits. Both locally and at the state level, we are working to be sure there is good value to membership (and these member benefits usually get better for a larger group.) The other benefit of growth is what we all get from each member - diversity of experience, variety of opinion, and organizational momentum.

Now, about that help I mentioned... please discuss SEAOt with your coworkers and peers. The officers try to bring valuable topics and good speakers to the monthly programs. We occasionally offer longer seminars (like the upcoming June seminar of tilt-up.) The networking opportunities provided can be invaluable to both your professional practice and personal career. The easiest way for this association to grow is for members to bring nonmembers and introduce them to what SEAOt has to offer. Over the next few months, we will be adding names to the email list. This is a tedious process involving the state Board rosters and lots of web searching. Another way you can help is to ask others in your office to register on the seatdallas.org website. This helps us stay in touch with the community of our peers. We try to keep emails to a minimum - just enough to send meeting notices and the few other things that come up during the year. If they get on the list and want off, there is always an Unsubscribe link on each email.

Please help us grow this organization.

REMINDER

Renew your membership today at www.seaot.org.

NEW WEBSITE

Check out SEAOt Dallas Chapter

www.seaotdallas.org

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Upcoming Events

Next chapter meetings:

June 16, 2015

Timothy Mays, PE

Tilt-up Panel Presentation

September 15, 2015

Benchmark Harris, PE

Masonry Design

State Conference

October 22-23, 2015

Houston, TX

SEAOT Fort Worth

Pappas Burgers

May 26, 2015

June 23, 2015

September 22, 2015

November 17, 2015

Industry Events:

New NCSEA Structural

Engineering Summit

Red Rock Resort

Las Vegas, NV

Sept 30 – Oct 3, 2015

[Click Here](#)

Recap of February Meeting

During our March Meeting, Erika Winters Downey presented Framing Solutions for Steel Framed Office buildings where she helped us understand how structural steel framing system design techniques can help an office project be completed faster, cost effectively and with benefit to prospective tenants.

Welcome New Members

Anuradha Khanna, P.E.
Structural Engineer
Star Building Systems

Whitney Anthony, EIT
Graduate Engineer
Walter P Moore

Recap – Younger Member Event – FC Dallas Soccer

SEAOt Dallas partnered with ASCE Dallas to sponsor a social event at the FC Dallas vs. LA Galaxy soccer game. A big thanks to all the participants who got to enjoy excellent weather and an excellent game as FC Dallas scored the winning goal in the final minutes!

Sponsors

The Dallas Chapter of SEAOt would like to thank all of the advertisers that have contributed to the newsletter. We appreciate your support.

You may support SEAOt by advertising in the newsletter. Space is available to structural engineering firms, vendors and suppliers starting at \$125.00 for one year of advertisement (8 newsletters). If interested, please contact David Parkin at (214) 221-2220 or via e-mail at dparkin@ppoinc.net.

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State Directors from the Chapter	John Turner, PE Lucas Ponce, PE Bradford Russell, PE (alternate)		

Selected State Positions:

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Dallas Chapter
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