



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

DALLAS CHAPTER

www.seaot.org

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Lucas Ponce, P.E.
John Turner, P.E.
Asma Momin, P.E.
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April 2014 Newsletter

Meeting Info

Date: April 15, 2014
Doors Open: **11:30 am**
Dinner Starts: **11:45 am**
Program: **12:00- 1:00 pm**

Location:

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

Early Registration Cost:

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

Valet parking is included in your meeting registration. Self-park anywhere at the mall.

Reservations

Please register by **Friday, April 11, 2014** to get early registration discount.

[Click Here](#) to register on-line. Please indicate names of all attending and specify if a vegetarian meal is required.

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

CONCRETE MIX DESIGN AND PROBLEM SOLVING

APRIL 15, 2014

PRESENTATION OVERVIEW:

The specification of concrete for projects is an often overlooked and misunderstood aspect of the design process. Proper specification of concrete facilitates economical construction and helps prevent problems that may become evident after construction. There are also considerations which come up during construction that may necessitate reevaluation of the concrete mix. Concrete suppliers have staff uniquely qualified to help engineers and builders get good results - this presentation will discuss some aspects of getting good concrete.

VICTOR H. VILLARREAL

TECHNICAL SERVICES MANAGER

TXI CONCRETE

Victor H. Villarreal is the Technical Services Manager for TXI Operations in Dallas, Texas. He received his BS in civil engineering from The Universidad Autonoma de Nuevo Leon, Monterrey, Mexico in 1986 and his MBA in corporate finance from the University of North Texas, Denton, TX in 1994. He is a registered engineer in Mexico and has been in the concrete industry for 26 years.

Mr. Villarreal is a founding member of National Ready Mix Concrete Association's (NRMCA) P2P Committee and has been a member of multiple associations such as American Society of Civil Engineers (ASCE), Research Engineering and Standards (RES) Committee, and ACI Committee 329 Performance Criteria for Ready Mix Concrete. During the course of his career, he has served on the board of various committees including Northeast Texas Chapter of ACI and Texas Concrete and Aggregate Association Specification Committee, and in 2010, Mr. Villarreal received the ACI International Construction Award in 2010 in Chicago, Illinois. He has authored or coauthored several papers in ACI and has been awarded fellow of ACI.

Mr. Villarreal has designed mixes for the Kimbell Museum Expansion, W Hotel, American Airlines Arena Ice Rink, Cowboy Stadium, NTTA 805 Specification in Collin County and Southwest Parkway, State Farm Corporate Office, Gaylord Hotel, The Arts District, UP Intermodal Facility, and DFW Parking Structures.

SEAoT Dallas Chapter Newsletter

Upcoming Events

Next chapter meetings:

May 20, 2014
Reinforced Concrete Detailing

June 17, 2014
Wood Design Using NDS

October 9-10, 2014
SEAoT State Conference

Other Events:

April 24, 2014
AISC Seismic Design Manual and
Application of 2010 AISC Seismic
Design Provisions (Dallas, Texas)
[Click Here](#)

May 8, 2014
ACI Concrete Slabs-on-Ground
(Dallas, Texas)
[Click Here](#)

REMINDER

Renew your membership today at
www.seaot.org.

NEW WEBSITE

Check out SEAoT Dallas Chapter
www.seaotdallas.org

President's Message

By Lucas Ponce, PE

We have had great attendance at our chapter lunch meetings as well as at our recent young member happy hour. Thank you for your participation. However, I did notice that approximately 25% of our members still have not paid this year's dues. Please take a few moments to log into <http://www.seaot.org/> and pay your dues online so that you can take advantage of member prices for our lunch meetings, upcoming seminars, and October state conference.

John Turner is setting up a half day Concrete Detailing Seminar on Tuesday May 20 and a full day Wood Design Seminar on Tuesday June 17. These are also the dates of our regular monthly meetings so please be sure to mark them on your calendar. The plan is to hold the seminars at Maggiano's in the same dining room where we have been having our lunch meetings. You will be able to choose between attending the full seminar (with lunch included) or just attend the lunch hour session of the seminar. We will try to make these seminars as affordable as possible to our members. Meeting topics and tentative seminar programs will be posted on the SEAoT Dallas website as soon as they are available.

As mentioned in one of our previous chapter meetings, I am pleased to announce that our first scholarship has been awarded. The UTA SEAoT Dallas endowed scholarship for the year 2013-2014 was awarded to William Bishop in the amount of \$1,800. Future UTA scholarships will be awarded in an annual basis during the fall semester.

This year's State Conference will be held in Ft. Worth on October 9 and 10. Let's all show our support for our sister chapter and make an effort to attend.

Please be sure to contact either myself or one of the other officers if you have any questions or comments regarding our meetings and programs. Our contact information is shown at the end of the newsletter.

Welcome New Members Say hello to our new members!

Mr. Jeffrey Hull, E.I.T.
Graduate Engineer

Mr. Reed Crosby, EIT
Graduate Engineer

Kamil Celik
Affiliate Member

SEAOt Dallas Chapter Newsletter

Recap

David Howell, Deputy Executive Director of the Texas Board of Professional Engineers presented an update on TCBE rules. The dominant topic of the day was the new requirement to get fingerprinted for a criminal background check prior to the next renewal of every engineer's license in the state. This is a one-time requirement to verify each engineer's criminal record. While this could be very important for many clients and to protect the public safety, the Board has yet to reject a renewal for information found during a background check. This requirement was imposed by the Texas Legislature and applies to all renewals after January 1, 2014.

May/June SEAOt Meeting

We are doing something different for the May and June meetings.

In May, we are partnering up with leaders from the concrete industry to present a seminar in concrete detailing. For the month of May, attendees will have the option to sign up for the one hour lunch seminar or the half a day seminar. There will be no additional cost for members to attend the half day seminar. Total cost for the entire seminar including lunch will be \$25 for members and \$45 for non-members. More details on the seminar topics will be coming soon.

In June, SEAOt Dallas will be hosting the Wood Super Seminar. This seminar is an all-day seminar from 9:00 am to 4:00 pm and includes topics such as Trends in Wood Construction and Update in Codes and Standards. Again, attendees will have the option to sign up for the one hour lunch seminar or the full day seminar. The total cost for the full day seminar will be \$45 for member and \$60 for non-members. Lunch Seminar prices will be \$25 for members and \$35 for non-members.

Young Member Happy Hour

We are looking to try a new venue to hold the Younger Member Happy Hour and would like your suggestions. Please send any suggestions and/or feedback to Ian Babcock at ibabcock@lafp.com.

Member Updates

Are you an EIT who recently passed the new 16-hour SE exam? Did you work on a project that got nominated for an award? Let us know and we will announce your accomplishment in the newsletter!

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	Tom Scott Lucas Ponce Bradford Russell (alternate)		

Selected State Positions:

State President	Lewis Shrier
President Elect	Lee Walden
Secretary	William (Whit) Smith
Treasurer	Robert Lanser
Past President	William A. Wallace
Executive Director	Liz Stansfeld



Dallas Chapter
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