



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

AUSTIN CHAPTER

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NEWSLETTER

JANUARY 2010

January 2010 Program Preview

Topic: *Recent Developments in Blast and Security Requirements: Materials Development and Progressive Collapse Updates*

Speaker: **Kirk A. Marchand**
Managing Principal
Protection Engineering Consultants &
Carrie E. Davis
Associate Engineer
Protection Engineering Consultants

Location: **MCC Building - Room 3.104**
3925 W. Braker Lane
Austin, TX 78759

Date & Time: **Thursday January 28, 2010**
12:00 PM–1:15 PM

Kirk Marchand and Carrie Davis of Protection Engineering Consultants will present a brief seminar on current requirements and new materials that structural engineers may encounter when working on DoD or GSA projects in the areas of Blast, Anti-terrorism and Force Protection (ATFP) and structural security design. Mr. Marchand will provide an overview of recent updates to GSA and DoD Progressive Collapse criteria. While, Ms. Davis will provide a summary of several new materials developed and evaluated for structural security design. New materials developed by PPG Industries and evaluated by PEC include high strength glass, ductile cladding, and ductile polyurethane coatings.

Scholarship Awarded

At the January meeting, SEAoT-Austin will award its fourth annual scholarship for a student at The University of Texas at Austin to Simon Chen.

The scholarship is awarded to an outstanding UT Civil or Architectural Engineering student who demonstrates a strong interest in Structural Engineering.

Simon Chen was selected from many impressive candidates based on his academic record, leadership role, and professional goals.

Congratulations to Simon Chen on this outstanding achievement!

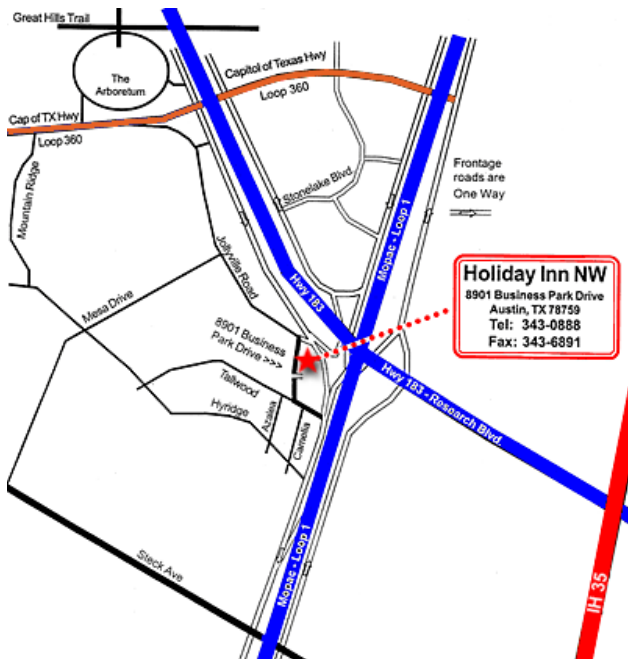
SEAoT-Austin would like to recognize one of our former chapter presidents, Todd Speck, P.E., for his hard work in leading the selection committee. This scholarship is made possible through the generous contributions from our sponsors.

Younger Members Committee Happy Hour on February 11, 2010

Please join us for our third Younger Member Committee Happy Hour on **Thursday February 11, 2010**. We will be meeting at **Third Base Downtown**, on 6th near Campbell St., from **5:30 p.m. to 7:30 p.m.** in the game room. SEAoT will be providing free appetizers for all who attend. We want to welcome all SEAoT Members and guests regardless of age. Our intention is not to exclude any members of SEAoT from participating in these events, but the events hosted by YMC may be of greater interest to our members under the age of 35. We strongly encourage all members to attend and hope to see you there. If you have any questions, feel free to contact Jessica McLarty at jmclarty@jqeng.com.

New Venue starting February 2010

We are pleased to announce that starting February, our new venue for our monthly meetings is the Holiday Inn – NW/Arboretum located at 8901 Business Park Dr. The hotel is located at the SW corner of the intersection of MoPac and Hwy 183 (see map below). This move, we feel, is a big step to improve the quality of our chapter meetings. The biggest improvement is meetings will now offer a delicious catered lunch at a reduced price. One meal option from the menu included will be selected for each meeting. Vegetarian meals can be accommodated upon request. We know our previous arrangements sometimes made our meetings difficult on peoples' schedules and the board unanimously felt this change was needed. The hotel offers a great atmosphere and can accommodate a larger audience. No more standing room only! Meetings will be held in a sectioned portion of the large Ballroom on the 2nd floor, however, only if needed due to unworkable conflicts, we may be moved to a space located within the large Atrium.



With these improvements does come some changes. To help streamline the system and reduce cost, we encourage that you RSVP & pay for the meetings online using the SEAoT website. The online system will be ready shortly and we'll let

everyone know when it is up. We understand online payment may not work for everyone so below is the cost breakdown.

Online RSVP by **NOON** on the Friday before the meeting:

- Students – Free
- Members – \$8 pay via PayPal
- Members – \$10 pay at the door
- Non-Members – \$15 pay via PayPal
- Non-members – \$18 pay at the door

No online RSVP & pay at the door:

- Students – \$10
- Members – \$15
- Non-Members - \$20 pay at the door

We are very excited to be making this move and improvement to our meetings and look to continue to improve our organization. As mentioned above, one meal option from those listed below will be selected for each meeting and will be posted on the website. Vegetarian meals can be requested.

Chicken Caesar Salad

Fresh Romaine lettuce tossed with our Caesar dressing & Seasonings
Topped with Grilled Chicken breast, Croutons, Shredded Parmesan

The Best Chicken Sandwich

Marinated Grilled Chicken Breast, Swiss cheese, Lettuce, Red Onion, & Roasted Tomato
Served on a Sesame Seed Bun with Chipotle Mayo and Chips

The Classic Burger

½ lb Flame Broiled with Lettuce and Tomato, Red Onion & American cheese
Served with Chips

Pasta Milano

Marinated Grilled Chicken Breast, Tossed with Sautéed Mushrooms, Onions, Sun Dried Tomatoes, and Italian Herbs.

Served in a Roasted Garlic Cream Sauce over Bowtie Pasta.

Chicken Tenders

Served with Fries

Mexican Enchiladas

Two Chicken and Cheese Enchiladas with a Tomatillo Sauce,
Served with Spanish Rice, and Refried Beans

December 2009 Meeting Recap

Mr. Ryan Goodwin, MBA, CSI, CDT of Stego Industries gave a presentation entitled "*Below-Slab Moisture Protection Engineering Theory and Design*". He discussed the use of vapor retarders/barriers as an effective means to prevent moisture related problems in concrete. In addition, capillary breaks, vapor retarders, sand/blotter layers, water-cement ratios, moisture testing, and floor coverings were discussed. Current recommendations from ACI, PCA, and ASTM were also discussed. Nineteen members and one guest attended.

Books by Richard Weingardt

The Austin chapter of SEAoT has the following two books that were donated by the author, who also was the keynote speaker at the annual statewide SEAoT meeting in October. To borrow the book(s), please contact Jayant Sheth at 512-427-3600 or via email at shethjayant@stanleygroup.com.

"Circles in the Sky – The Life and Times of George Ferris" by Richard Weingardt

"Forks In The Road: Impacting the World Around Us" by Richard Weingardt

New Membership Announcements

Mr. Jeffrey Kobes of Sparks Engineering, Inc., Ms. Lindsay A. Howarth of Architectural Engineers Collaborative, and Ms. Mary K. Tomlinson of Walter P. Moore, Inc. have become our most recent members since our last meeting. Welcome to SEAoT!

For those who have this newsletter passed along to you by a fellow coworker and SEAoT member, please consider the benefits of becoming a SEAoT member yourself. Everything you need to know about membership, including benefits, membership categories, and an on-line application can be found at <http://www.seaot.org/membership.cfm>.

Have You Paid Your 2010 Dues Yet?

As of January 26, 2010, 55% of our chapter's members have renewed their dues for 2010. That is very good for early in the year, but if you are one of the outstanding 45% who owe 2010 dues, please consider renewing soon.

Remember, your dues go towards providing meeting space and speakers for our monthly seminars, partially subsidizing lunches as the new meeting space starting in February 2010, as well as the monthly Younger Members happy hours, the annual scholarship to a UT-Austin student, and member discounts at events such as the upcoming Spring Dinner and seminars throughout the year. Please go online to www.seaot.org and pay your dues today!

News and Events

Want to know more about what is going on in SEAoT? Want to see what events are happening? Can't remember what meetings you have attended? Want to find out more? Please visit the SEAoT website at www.seaot.org to find out more!

Update Current Member Information

Have you changed employers, passed the PE exam, moved, or changed your email address? If so, please visit the SEAoT website to update your information. If you have trouble updating your information via the website, you may contact one of your Local Board members or Liz Stansfeld at state@seaot.org. You can make changes to your member information at:

<http://www.seaot.org/membership.cfm>

Sponsorship

SEAoT would like to thank our 2009 sponsors and welcome any returning or new sponsors for 2010.

SEAoT sponsors are recognized at the end of each newsletter. Among other things, your generous contributions enable SEAoT Austin to provide a deserving UT student with a scholarship. We kindly ask all SEAoT members to check with their supervisors or marketing departments to encourage sponsorship.

Please contact committee chair, Joan Gallup at 512-867-6000 or jgallup@shwgroup.com, should you have interest in sponsoring SEAoT or joining the sponsorship committee.

Newsletter Contributions Needed

The Monthly Austin Chapter Newsletter, as well as the Statewide SEAoT Quarterly Newsletter, is always looking for articles or items to post in the newsletter. SEAoT would like to include contributions from members or local firms on interesting projects. Submit newsletter contributions by the second Thursday of each month via email to the editor, bsmoulin@terracon.com, or by mail to P.O. Box 1452, Austin, Texas, 78767.

2010 Austin Chapter Officers & Directors

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