



# THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

## FORT WORTH CHAPTER

[www.seaot.org](http://www.seaot.org)

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Volume 12, Issue 5

## SEAOt Fort Worth News

May 2019

Wednesday, May 22, 2019

### Presentation:

#### Service Life in Concrete

*Speaker: Fred Goodwin*

This month's presentation will discuss the service life of concrete structures. The presentation will focus on the basics of concrete, methods of modeling and predicting the service life of concrete, evaluation protocols of existing concrete structures, outputs of different treatments, and changes to the ACI 562 and ACI 563.

## President's Message

**Steven Hodridge, P.E.**

Once again, we have come to that time of year where we welcome a new class of graduate engineers (as they finish up their undergraduate degrees) and a new group of licensed professional engineers to our profession. As we all know, there is only so much that can be taught in the classroom, and only so much that can be learned before professional licensure in the field of structural engineering. Because of that fact, organizations like SEAoT and one on one mentorship from engineers like you are essential to the continued education and full development of young/new structural engineers. So I would like to implore you to make sure to take seriously the charge of the mentoring inexperienced and aspiring engineers in our field so we, as a collective, can ensure the knowledge gained throughout

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### Lunch Meeting Information

**May 22, 2019**

Freese and Nichols Building  
First Floor Auditorium  
4055 International Plaza  
Fort Worth, TX 76109

#### **Meeting Sponsor:**

**BASF**

#### **Catering:**

**Panther City BBQ**

**Check-In:** 11:30 AM – 11:50 AM

**Chapter News:** 11:50 AM – 12:00 AM

**Lunch & Program:** 12:00 PM – 1:00 PM

*Map to meeting is provided at end of newsletter.  
Additional Catering information is on page 2*

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## **SPEAKER BIO:**

Fred Goodwin is a chemist with >30 years in the construction chemicals industry, has been with BASF & predecessors for >28 years and is a member of ICRI, ACI, ASTM, NACE, SDC, and SSPC. A fellow of ASTM, ACI and ICRI, an Honorary Member of ASTM C1 & C9, and current chair of the ICRI Technical Activities Committee (TAC), ACI 090 TRRC, SSPC 8.3 Commercial Floor Coatings, was awarded the ASTM Award of Merit in 2016, the JCPL Editors Award (2006, 2010, 2012), the ACI 2011 Delmar Bloem Distinguished Service Award, and the Strategic Development Council – 2015 Jean-Claude Roumain Innovation in Concrete Award. He is a NACE certified Corrosion Technologist, was recently named as a Top 25 Innovative Thinker by Technology Publishing, and currently heads the BASF Construction Chemicals Global Corrosion Control Competency Center.

## **SPONSOR INFO:**

### **BASF**

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has more than 20,000 employees in North America and had sales of \$19.7 billion in 2018.

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 122,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of around €63 billion in 2018. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS).

<https://www.basf.com/us/en.html>

## **Lunch Catering**

This month's meeting will be catered by Panther City BBQ.

## **Newsletter Advertisement Policy**

The Fort Worth Chapter of SEAoT would like to invite all prospective advertisers to contribute to the newsletter. We will definitely 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 the newsletter editor, Brion Echols, via phone at (817) 335-3000 or email at [fortworthseaot@gmail.com](mailto:fortworthseaot@gmail.com).

The newsletter editor is also looking for articles and announcements for publication. Submissions may be sent to the editor at [fortworthseaot@gmail.com](mailto:fortworthseaot@gmail.com). Articles and ads to be included in the newsletter must be received by the first Wednesday of the month the article or ad is to first appear. The newsletter is loaded on the SEAoT website, so you will get exposure to the entire state of Texas and more.

## **Reservations for Lunch Meeting**

To reserve a place at this month's meeting, please **RSVP by 5:00 PM on Monday May 20, 2019**. You may make your reservations via email at [fortworthseaot@gmail.com](mailto:fortworthseaot@gmail.com) or by phone to Brion Echols at (817) 335-3000. Indicate the name of each attendant when making a reservation for several people. Also, specify if vegetarian meals are required. Lunch will be served at the meeting. The cost is \$20.00 for members and \$35.00 for non-members. The cost for students is \$10.00. Reservations are required to ensure adequate seating. A map of the location of [4055 International Plaza](#) is included at the end of the newsletter for your use. Go up the stairs and follow the signs to the Auditorium.

President's Message continued from page 1

each of our careers is passed on to the next wave of structural engineers. Needless to say, part of your mentorship should also include inviting these individuals you are professionally cultivating to our SEAoT meetings and encouraging them to place membership.

This month's meeting will be about the service life of reinforced concrete, brought to us by Mr. Goodwin of BASF. Some of the structures built during the latter half of the 20th century are getting to the point where engineers like us (because public safety is our most important priority) need to bring to the attention of the local municipalities (or private owners) that said structure needs to be additionally reinforced or torn down, redesigned, and rebuilt. In order to best do this job, we need to become more familiar with the latest information on our speaker's topic matter. I am looking forward to absorbing what Mr. Goodwin has to tell us. This meeting is our second to last one before our annual summer recess, so make sure you do not miss it.

With May being upon us and summer being around the corner, this means that our state conference is drawing nearer. The time is now to register for the September 5th & 6th conference located in San Antonio, this year. To register or for more information, please visit <https://seaot.org/conference/> At the chapter level of SEAoT, I would like to announce the loss of our membership chair officer, Colton Seeton, as he has moved out of the area with his family. He will now be a part of the Houston chapter of SEAoT. So, we are looking for someone who is interested in replacing him and moving in line to most likely become the chapter secretary in 2020. If you or someone you know has interest in volunteering for this position or helping out our chapter in any way in general, please let someone on the officer board know. In other news, I would like to remind everyone to make sure they RSVP for our meetings before the deadline. The more last-minute walk-ups we get, the less likely we are to have food and handouts (if applicable) for everyone.

In closing, I am appreciative of the comradery we share at our meetings. As an engineer, it is our duty to never stop learning from each other and teaching each other the fine subtleties of our craft so we all can be the best we can be and the public we serve can be as safe as they can be. Iron sharpens Iron. Steven A. Hodridge, P.E., President

## Cancellations

Please note that cancellations must be made by **5:00 p.m. on Tuesday, May 21, 2019**, to be honored. SEAoT reserves the right to decline cancellations made after the cut-off and to invoice no-shows.

## Editor's Notes

Reminder: Please make sure you RSVP by the deadline so we can ensure there is enough food for everyone.

## Membership Announcements

Current SEAoT members who would like to be transferred to this chapter are invited to do so by logging in with their user name and password and updating their chapter selection from their membership profile. Please email [fortworthseaot@gmail.com](mailto:fortworthseaot@gmail.com) for additional information. ❖

## CALENDAR OF EVENTS

SEAoT FORT WORTH LUNCH MEETINGS FOR 2019:

### CHAPTER MEETINGS - FORT WORTH, TX

January 23, 2019

February 27, 2019

March 27, 2019

April 24, 2019

May 22, 2019

June 26, 2019

September 5-6, 2019 (State Conference)

October 23, 2019

November/December TBD 2019

January 22, 2020

### Upcoming Seminars:

- [SJI Seminars](#)
- [ACI/PCA Seminars](#)
- [AISC Seminars](#)

## 2019 SEAoT STATE CONFERENCE

WYNDHAM SAN ANTONIO RIVERWALK

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SEPTEMBER 5-6, 2019

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ATTORNEYS

## 2019 Officers, Directors, Committee Chairs

### Chapter Positions

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Treasurer	Ralph Benson, P.E.		<a href="mailto:theralphbenson@gmail.com">theralphbenson@gmail.com</a>
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State Director	Steven Hodridge, P.E.	(817) 649-1544	<a href="mailto:Steven@IllingworthEngineers.com">Steven@IllingworthEngineers.com</a>
State Director	Brad Watson, P.E.	(817) 735-7416	<a href="mailto:bbw@freese.com">bbw@freese.com</a>
Membership	Open		
Political Action Liaison	Open		
Young Members	Open		

# Map to Freese and Nichols Building

4055 International Plaza

Fort Worth, TX 76109

