



THE STRUCTURAL ENGINEERS ASSOCIATION OF TEXAS

FORT WORTH CHAPTER

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SEAoT Fort Worth News

May 2020

Wednesday, May 20, 2020

Presentation:

Enhancing Early-Age Concrete Strength through Nanotechnology

Speaker: Dr. Charles Nmai, PE, M.ASCE, FACI
Head of Engineering in the Admixture Systems Division
of Master Builders Solution USA, LLC

This presentation will cover the basics of cement hydration and strength development in concrete, the need for early-age strength enhancement, and options available to increase early-age strength, including the use of C-S-H nanotechnology-based admixtures. Applications highlighting the successful use of nanotechnology-based strength-enhancing admixtures will also be presented.

President's Message

Ronald Ishmael, P.E.

I hope everyone is remaining safe and healthy. One advantage to the being part of this great chapter is the networking. I challenge everyone to reach out to others in the Chapter to see how they are doing and just to stay in touch. One thing to take out of this situation is we are not alone. Although we compete for work we are also friends, colleagues, mentors, and sometimes family. We will get through this together.

As we navigate this "new normal" please remember your continuing education credits. Luckily for us manufacturer representatives and our organizations have stepped up and made presentations available online. Use these opportunities to explore new areas of structural engineering or sharpen your

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Virtual Meeting Information

May 20, 2020

Virtual Meeting

(Link will be sent after registration)

Meeting Sponsor:

Master Builders Solutions

Check-In: 11:45 AM – 11:50 AM

Chapter News: 11:50 AM – 12:00 AM

Lunch & Program: 12:00 PM – 1:00 PM

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SPEAKER BIO:

Dr. Charles Nmai, PE, M.ASCE, FACI is Head of Engineering in the Admixture Systems Division of Master Builders Solution USA, LLC (MBS) based in Cleveland, Ohio. Dr. Nmai has been with MBS for over 30 years and is responsible for providing technical leadership and strategic guidance in the marketing of admixtures and high-performance concrete technologies. He is a Vice President and Fellow of the American Concrete Institute, an Honorary Member of ASTM International Committee C09 and immediate past-chair of Subcommittee C09.23 on Chemical Admixtures, and President of the Fiber Reinforced Concrete Association (FRCA). Dr. Nmai is a licensed engineer in Ohio.

SPONSOR INFO:**Master Builders Solutions**

Master Builders Solutions is the BASF global brand of advanced chemical solutions for construction. Our comprehensive construction chemicals portfolio includes concrete admixtures, waterproofing solutions, concrete repair and protection solutions, performance grouts and performance flooring solutions.

<https://www.master-builders-solutions.basf.us/en-us>

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 \$175.00 for one year of advertisement (8 newsletters). If interested, please contact the newsletter editor, Misty Thomison, via phone at (817) 735-7240 or email at 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. 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 18, 2020**. You may make your reservations via email at fortworthseaot@gmail.com or by phone to Misty Thomison at (817) 735-7240. Indicate the name of each attendant when making a reservation for several people. The cost is \$5.00 for members and \$10.00 for non-members. The cost for students is \$5.00. Reservations are required to ensure adequate space.

President's Message continued from page 1

skills. Have you ever wanted to explore new design software? This could be the time you take advantage of more efficient design approaches.

Here are some final thoughts I want to leave you with. What do you and your firm look like post COVID? What things did you learn to improve yourself? How did you improve your business and the product it produces? How will your work change following COVID? How will your business development and networking change following COVID? How do we coordinate projects following COVID? Remember you don't always have the answers just the tools to find a solution. I look forward to seeing everyone soon.

Cancellations

Please note that cancellations must be made by **5:00 p.m. on Tuesday, May 19, 2020**, 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.

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 for additional information. ❖

CALENDAR OF EVENTS

SEAOt FORT WORTH LUNCH MEETINGS FOR 2020:

CHAPTER MEETINGS - FORT WORTH, TX

January 22, 2020

February 26, 2020

March 25, 2020

April 22, 2020

May 20, 2020

August 26, 2020

September 30, 2020

October 21, 2020

State Conference: October 22-23, 2020

November 18, 2020

Upcoming Seminars:

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

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2020 Officers, Directors, Committee Chairs

Chapter Positions

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Membership	Open		
Political Action Liaison	Open		
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