



**NORTH TEXAS CHAPTER**

# The Concrete Connection

A publication of the North Texas Chapter ICRI

THE CONCRETE CONNECTION

JANUARY 2019

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## FEBRUARY NTX MEMBERSHIP MEETING

*Thursday, February 21, 2019*

### MEETING DETAILS:

Location: ***New location for this meeting!*** Las Colinas Corporate Center — 4<sup>th</sup> Floor Meeting Room (6363 N State Highway 161, Irving, TX 75038)

Schedule: 11:00 AM—11:30 AM: Registration and networking;  
11:30 AM—12:00 PM: Buffet Lunch is served;  
12:00 PM—1:00 PM: Meeting and presentation

Cost: \$25 for members; \$35 for non-members

Registration: <https://icrintx.org/event/february-membership-meeting/>

### PRESENTATION INFO:

Topic: ***Corrosion in Concrete***

Speaker: Fred Goodwin (FASTM, FACI, FCRI, Head of BASF Construction Chemicals Global Corrosion Competency Center)

Speaker Bio: Fred Goodwin is a chemist with over 30 years of experience in the construction chemicals industry, has been with BASF & predecessors for over 28 years, and is a member of ICRI, ACI, ASTM, NACE, SDC, and SSPC. He is a fellow member of ASTM, ACI and ICRI, an Honorary Member of ASTM C1 and C9, and the current chair of the ICRI Technical Activities Committee (TAC), ACI 090 TRRC, and SSPC 8.3 Commercial Floor Coatings. He 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 and was recently named as a Top 25 Innovative Thinker by Technology Publishing. He currently heads the BASF Construction Chemicals Global Corrosion Control Competency Center.



# PRESIDENT'S MESSAGE



**S.V. Grelle**

Happy new year to all ICRI North Texas members and friends! It's a great honor to serve as the 2019 NTX Chapter President and help continue the success of this chapter.

I think I speak for all of our chapter officers and committee members when I say that I'm excited for what we have in store for the year ahead. Some primary objectives of ours include continuing to improve the quality of our bimonthly membership programs, adding one or two social events to the calendar, and holding a "Mega Demo" event for demonstration of repair techniques and materials. But, one goal that cannot be overlooked is to keep building the membership base in the chapter. This is an organization where strength in numbers truly applies – I know that one of the top reasons I've gotten involved with the chapter is to make and maintain relationships with others in the

industry so that seeing a friendly face at a jobsite, pre-bid meeting, etc., is more common than not. With more concrete repair professionals involved with our chapter, we all improve our ability to network and raise the standard of performance in the industry.

Keep in mind that our greatest tool to recruit new members and keep the chapter healthy and growing is you. Make it your goal in 2019 to introduce one person to ICRI by bringing them to a meeting or one of our events. I'm confident that they will be impressed with all that ICRI NTX has to offer. I wish everyone a successful and safe year, and will see you soon!

Sincerely,

*S.V. Grelle*

2019 ICRI NTX Chapter President



**Calvin Carter**  
Vice President

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Direct Office 469.697.9882  
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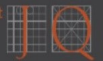
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# FUTURE PROGRAMS & EVENTS

See the attached calendar for all 2019 NTX dates!

- Feb 11-12: ICRI Regional Roundtable
- Feb. 21: ICRI NTX Membership Meeting
- March 15: Board Meeting
- April 8-10: ICRI Spring Convention, Jacksonville, FL
- May 10: Board Meeting
- June 14: ICRI NTX Membership Meeting and Clay Shoot
- Aug. 9: Board Meeting



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Project Manager

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www.armstrong-douglass.com



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**D. Scott Olson**  
Scott@ventureseq.com

**TIM BADILLA**  
VICE PRESIDENT  
tim@restekinc-tx.com

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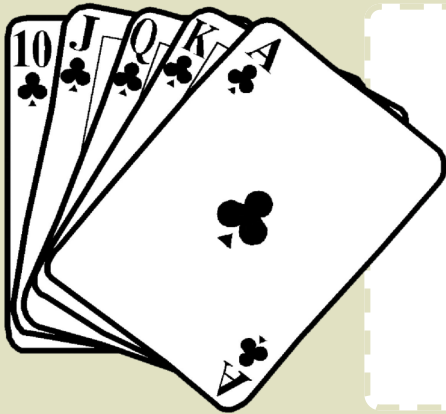
# NEWS FROM ICRI NATIONAL

## 2019 ICRI Spring Convention

ICRI's Spring Convention will be held in Jacksonville, FL, Monday through Wednesday (April 8-10, 2019), at the Omni Hotel & Resorts Jacksonville. The theme of the convention is "Waterproofing with Aesthetics: Making it Dry and Appealing to the Eye." Log on to [icri.org](http://icri.org) and fill out the online form to register!



2019 ICRI Spring Convention | April 8-10 | Jacksonville, Florida



## 2019 Houston Poker Tournament

Location: SPJST Lodge #88 (1425 Beall St., Houston, TX 77008)  
 Date: January 23, 2019  
 Schedule: 6:00 PM — 7:00 PM: Social hour and sign in;  
 7:00 PM: Texas Hold'em tournament starts  
 Cost: \$50 for early registration (both members and non-members); \$75 for at the door  
 Cost: See Attached Tournament Flyer for additional tournament and RSVP information

## 2019 Regional Roundtable

Location: Hilton Phoenix Airport Hotel (2435 S 47th St, Phoenix, AZ 85034)  
 Dates: February 11 & 12, 2019  
 Attendees: Representatives from each of the ICRI chapters are going to be present at the event. Also attending are; the current ICRI President Chris Lippmann, Chapters Committee Chair Michelle Nobel, as well as the Regional Representatives from Region 7 Peter Haveron, and Region 9 Brian MacNeil. Staff members to assist you will be Executive Director Mike Levin, Technical Director Ken Lozen, and Chapters Director Dale Regnier.

RVSP: Fill out the attached Roundtable RSVP Form by January 21, 2019

**IMPORTANT: See Attached Roundtable Agenda for scheduling**



## Mega Demo — A North Texas Chapter Event

**Save the date—2019 Mega Demo is Coming!**

Dates: April 26, 2019  
 Time: 10:00 am — 2:00 pm  
 RVSP: Anyone interested in a table top exhibit or Demonstration should contact Pete, Clay, Patrick, Eddie, Josh or Jon.

**Stay tuned for more information regarding location and registration**

## NOVEMBER MEETING RECAP

In the final 2018 NTX Chapter Meeting for 2018, Gerard Moulzolf, Chief Petrographer at American Engineering Testing and ICRI Board Member, presented an enthusiastic and immensely informative program on petrography, on how it is performed, and the myriad of things that it can tell you about in-place concrete. A good-sized crowd gathered at Pappasito's Mexican Cantina to network and feast on chicken and beef fajitas prior to the meeting.



**Above:** Gerard Moulzolf presents to a large crowd at the November NTX Chapter meeting.

Beginning with concrete cores, the concrete is cut and polished and examined under microscopes. Examples were shown of improperly vibrated concrete, overworked concrete, and overwatered concrete. Did you know that air bubbles can be counted in air-entrained concrete?! Thin slices are cut and polished from the concrete cores, backlit and examined under high-powered microscopes to check for the formation of gels indicative of alkali silicate reaction (ASR).



**Below:** NTX Chapter President, RW Smith, presents Gerard with a commemorative Chapter pen.

### ***SURFACE PROFILE CHIPS FOR SALE!***

Did you know that the NTX Chapter sells ICRI Surface Profile Chips (CSP 1-10)? Let us know before a meeting and we can deliver them to you there! Your purchase supports the NTX Chapter. For more information, contact Pete Haveron at [peteh@texconrest.com](mailto:pete@texconrest.com).



# ICRI FALL 2018 CONVENTION

## DELEGATE REPORT

I recently had the opportunity to take part in the ICRI Fall 2018 Convention in Omaha, Nebraska. This was my first time attending an ICRI Convention, both as a delegate for the North Texas Chapter of ICRI and as an attendee in general. During my time at the convention I took part in several technical sessions, two committee meetings, the Thursday General Luncheon, the Project Awards ceremony, the Inter-Chapter Luncheon and the Chapters Committee Meeting. Some of the technical sessions I attended included:

- Are We the Blockbuster in the Netflix Era – Learning about the effect of API's in today's technology industry
- Repair of Concrete Utility Poles with the Use of Migrating Corrosion Inhibitors – Learning about the advantages and disadvantages of corrosion inhibitors on reinforcing steel embedded in utility poles
- Concrete Rehabilitation to Salt Processing Dome – Learning about what measures were taken to protect a dome structure that was used for salt storage
- Why Does Rebar Corrode in Concrete – Learning about the corrosion process of reinforcing steel in laymen's terms
- Resiliency of Existing Concrete Structures and Communities – Learning about proposed solutions to increase the awareness of the repair industry
- Electrochemical Treatments to Significantly Extend the Service Life of Reinforced Concrete Structures – Learning about Electrochemical Chloride Extraction as a means for treating reinforced concrete
- Design Considerations to Improve Parking Garage Resiliency – Learning about a parking garage project where reinforcing steel needed to be particularly treated within a parking garage slab
- Restorative Waterproofing for Below Grade Parking Structures – Learning about the different options available when repairing concrete at the lower levels of a parking garage
- Historic Building Cast Stone and Masonry Façade Restoration Using UAV's and Photogrammetry – Learning about the use of photogrammetry when attempting to 3D model the exterior façade of a brick masonry structure
- Kansas City's Resilient Spiral Ramp – Learning about the use of anodes on the concrete slab of a spiral ramp project
- Strengthening of Concrete Members Using Fabric Reinforced Cementitious Matrix – Learning about the advantages of using FRCM material in concrete repair as opposed to FRP

(continues on next page)

**RESILIENCY**  
Above and Beyond Concrete Restoration

2018 ICRI Fall Convention | November 7-9, 2018  
Omaha Marriott Downtown at the Capitol District | Omaha, Nebraska



Throughout my time at the convention, I also attended the Concrete Repair Materials and Methods (320) committee meeting where we went through a module that had been designed for the purposes of learning about concrete repair, and the Education Committee where strategies were discussed to entice young university students to join the repair industry.

As a delegate, I also had the opportunity to take part in the Inter-Chapter Luncheon where we discussed strategies for implementing ACI 562 references into the IEBC and the Chapters Committee Meeting where we discussed the CSMT and CSRT Certification process.

Social events that I participated in included the 26th Annual ICRI Project Awards and a tour of Omaha's Henry Doorly Zoo & Aquarium. Particularly at these social events, I had the opportunity to network with other professionals in the repair industry and learn from their years of experience. I also attended the Thursday General Luncheon where the new ICRI Logo was revealed.

All in all, the entire convention week was a fruitful and educational experience, especially as a first-time attendee. I have always gravitated more towards the repair industry than I did towards new construction and this conference, especially the technical sessions, helped reinforce that feeling. Looking forward to whatever is to come in the future for ICRI.

Thank you for the opportunity,

Juancarlos Escalante, EIT  
Project Engineer (JQ)

## ***ICRI FALL 2018 CONVENTION GIVEAWAY***

Have you seen the new ICRI logo?? If you had been at the 2018 Fall Convention in Omaha, you would have received this convention giveaway.



# 2019 NTX CHAPTER SCHOLARSHIPS

The North Texas Chapter is offering scholarships to our members, their families, and others in the community. Multiple scholarships of at least \$1,000 will be awarded to applicants in 2019 to be used during the fall 2019 semester. High school seniors and college undergraduate students, who are pursuing a certificate or degree from a college, university, or trade school, are eligible to apply. While preference will be given to full-time students pursuing a career related to concrete restoration, repair, strengthening or related fields, students from all disciplines can apply.

Applications are due on Friday, April 12, 2019, and the scholarship winner(s) will be announced on or about May 17, 2019. The payment will be made to the recipient's school and put into an account in the name of the recipient. **The application form is attached at the end of this newsletter.**



*Have industry news to share? Recent promotion? Industry recognition? We want to hear about it! Email [jon\\_carrier@midcontinental.com](mailto:jon_carrier@midcontinental.com) for inclusion in the next issue.*

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**JOIN ICRI!** We encourage all of our industry friends to become a member of ICRI to support the organization and take advantage of the many benefits of membership. Registration is easy! Visit the [ICRI registration page](#) and make sure to include your annual membership in the North Texas Chapter (\$40 per year) in addition to your national membership dues.





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[WWW.ICRI.ORG/PAGE/CERT\\_TECHPROGRAM](http://WWW.ICRI.ORG/PAGE/CERT_TECHPROGRAM)

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