

The Concrete Connection

A publication of the North Texas Chapter ICRI

THE CONCRETE CONNECTION

JANUARY 2018

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FERRUARY NTX MEMBERSHIP MEETING

Tuesday, February 20, 2018

We are pleased to announce that this will be a joint meeting with the Structural Engineers' Association of Texas (SEAoT) Dallas Chapter!

MEETING DETAILS:

Location: New location for this meeting only! Maggiano's Little Italy at NorthPark Mall (205 N

> Park Center, Dallas, TX 75225; entrance located on south side of mall near Dillard's) 11:30 AM-11:45 AM: Registration and networking; 11:45 AM-12:00 PM: Lunch is

Schedule:

served; 12:00 PM-1:00 PM: Meeting and presentation \$33 for members; \$43 for non-members (RSVP via Whoozin)

Cost: RSVP: http://whoozin.com/YTU-DWQ-9P6G

IMPORTANT: Space is limited! Day-of registrations will not be permitted.

PRESENTATION INFO:

Code-Based Approach for Evaluation, Repair, and Rehabilitation of Concrete Structures Topic:

Speaker: Carl J. Larosche, P.E. (Principal with Wiss, Janney Elstner Associates, Inc.)

Abstract: As reinforced concrete materials age, our concrete structures may need to be evaluated

> for safety based on changes in the operational and occupational use of the facility or the development of corrosion, alkali-silica reaction, or other distress mechanisms. Based on a structural evaluation, strengthening may be necessary and may be accomplished through rehabilitation or replacement. Rehabilitation and repair of existing concrete elements is generally a more sustainable approach than replacement; however, in the past, the lack of code requirements has resulted in variations in repair practice, inconsistent levels of safety and reliability, and no clear direction for building officials and institutional owners.

> The American Concrete Institute (ACI) has developed a repair code that provides standard requirements for evaluating existing concrete buildings and the subsequent structural repair, rehabilitation, and strengthening of those structures. ACI 562 committee member and sub-committee chair, Carl J. "Chuck" Larosche will present a one-hour overview of the development and organization of the new ACI 562 Concrete Repair Code. The presentation will include reasons for and motivation behind the development of the Repair Code, the overall philosophy and organization of the material, the future direction of the Repair Code relative to adoption by the International Code Council as well as the potential concerns for design practitioners involved in repair or rehabilitation of reinforced concrete structures. Additionally, Mr. Larosche will present ACI's Code approach to determination of unsafe conditions.

> The 562 Code approach provides the licensed design professional freedom to exercise engineering judgment when evaluating a reinforced concrete structure. Mr. Larosche will present practical examples of structural assessment, existing material evaluation, and load testing of existing structures using the ACI Code approach while illustrating design examples meeting the performance criteria provided in the Code.

R.W. Smith

PRESIDENT'S MESSAGE

I would like to thank the members of the chapter for electing me the 2018 North Texas ICRI President. Last year was a great year for the Chapter and I would like recognize to and congratulate Julie Bolding and the North Texas Board Members for their contribution to make 2017 such a success. There is no doubt that I will have big shoes to fill and I look forward to both the challenge and the opportunity to serve this Chapter. I am excited about the year to come.

One of the privileges to serving as the President for 2018 is to give back to an organization that has given so much to me and that has given so much to the Concrete Repair Industry. Over the past year we set the bar high by putting aggressive goals in place. These goals include increasing chapter membership,

increasing attendance at membership meetings through the quality of our programs, improving the quality and participation of our special events (Sporting Clays and Golf Tournament), and the continuation of our Scholarship Program.

This will be an exciting and fun-filled year in 2018. Stay tuned for upcoming events and I will look forward to seeing everyone at our Membership Meetings.

Sincerely,

R.W. Smith

2018 ICRI NTX Chapter President



NORTH TEXAS CHAPTER TO HOST CONCRETE SURFACE REPAIR TECHNICIAN CERTIFICATION

Our North Texas Chapter will be hosting a Concrete Surface Repair Technician Certification Exam on Tuesday, February 14, 2018 at <u>Simpson Strong Tie's facility located at 2221 Country Lane in McKinney, Texas</u> from 8 AM to 6 PM.

In order for ICRI to bring this program to Texas, we will need pre-paid registration from 20 participants. We have reached out to the Houston and South Central Texas Chapters as well. Each participant will need to complete and pass the on-line, Tier 1 portion of the program and the 60-question knowledge exam prior to taking the hands-on, Tier 2 portion on February 14th.

Tier 1 consists of five (5) online training modules, and each module has questions with a certain percentage that must be answered correctly in order to achieve a Certificate of Achievement from ICRI for passing the Tier 1 portion.

The Tier 2 portion consists of a knowledge exam, and a recorded or witnessed hands-on performance exam demonstrating competency to perform the following four (4) ASTM field tests:

- C143, Standard Test Method for Slump of Hydraulic-Cement Concrete;
- C1611, Standard Test Method for Slump Flow of Self-Consolidating Concrete;
- C31, Standard Practice for Making and Curing Concrete Test Specimens in the Field;
- C1583, Standard Test Method for Tensile Strength of Concrete Surfaces and the Bond Strength or Tensile Strength of Concrete Repair and Overlay Materials by Direct Tension (Pull-off Method), and ICRI Guideline No. 210.3R, Guide for Using In-Situ Tensile Pulloff Tests to Evaluate Bond of Concrete Surface Materials

Once you register for this event, copies of the ASTM Standards will be sent to you. Simpson and the Chapter plan to have all the necessary equipment available for each participant to perform these tests, and Subject Matter Experts will be on hand to judge each participant's performance.

Registration is available online at http://www.icri.org/?page=cert_CSRT_sched. Note that registration will close on or around January 31, 2018!

The cost for this program, which includes both Tier 1 & Tier 2, is \$825 for members and \$950 for non-members. Reduced costs for those who have already registered for Tier 2 certification but wish to perform the live exam in lieu of the video exam can be found on the online registration page.

If you need additional information, please contact Mark LeMay at 817-505-4304 or mlemay@jqeng.com.



TAKE THE CSRT TIER 1 ONLINE!

All ICRI members are strongly encouraged to sign up and complete the Tier 1 portion of the Concrete Surface Repair Technician program. This portion of the CSRT Certification program is entirely on-line, consisting of five Training Modules centered around four ASTM standards and ICRI's Guideline 210.3R. Increase vour knowledge base, earn selfdirected PDH's and support ICRI in the process! Cost is \$360 for ICRI members. Sign up on the ICRI website, and do the training at your leisure! Here is your link to register:

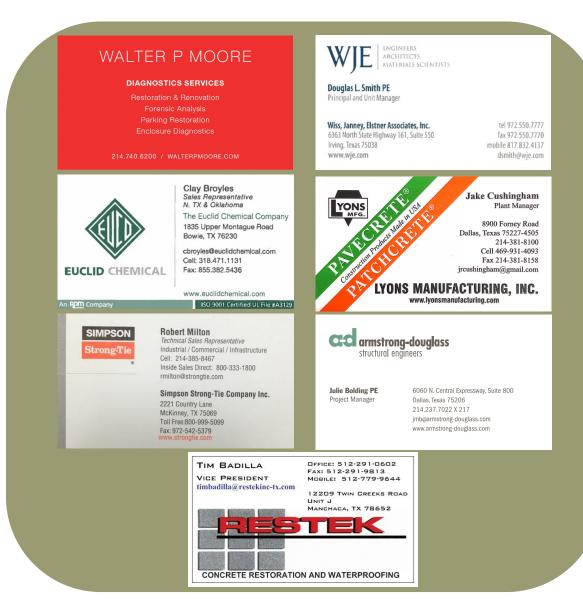
http://www.icri.org/?
page=cert techprogram

FUTURE PROGRAMS & EVENTS

See the attached calendar for all 2018 NTX dates!

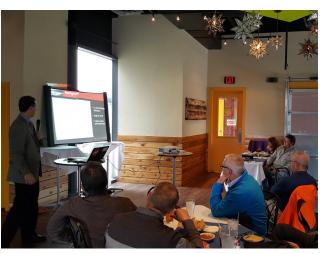


- Jan. 22-26: World of Concrete (Las Vegas)
- Feb. 14: Conc. Surface Repair Technician Certification
- Feb. 20: NTX Membership Meeting
- Mar. 9: Board Meeting
- April 4: Meeting with UTA ASCE Chapter
- April 5: NTX Membership Meeting



NOVEMBER MEETING RECAP

On November 9, 2017 at Mattito's Tex-Mex in Dallas, Daron Hester, P.E. (Senior Principal and Director of Operations in the Diagnostic Group of WALTER P MOORE) provided an interesting and informative presentation on the structural strengthening of concrete structures at the regular NTX Chapter membership Around 30 meeting. NTX Chapter members and affiliates enjoyed chips, queso, and fajitas while taking in the presentation. First, Mr. Hester discussed the typical decision making process that contractors, and building engineers, owners must go through when deciding whether to strengthen a structure or construct a new facility. Mr. Hester presented several case studies related to structural strengthening. One example included strengthening of a 4-level, cast-in -place parking structure constructed in the 1970s. Mr. Hester's wealth of experience was greatly appreciated by the members in attendance, who undoubtedly have worked on relatable projects. The NTX Chapter is very thankful to Daron Hester for taking the time to share his experiences (especially on short notice)!



Above: Daron Hester presents to the North Texas Chapter. **Below:** 2017 Chapter President Julie Bolding presents Mr. Hester with a pen as a token of thanks.



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



NEWS FROM ICRI NATIONAL

2018 ICRI Spring Convention

ICRI's Fall Convention will be held in San Francisco, CA Wednesday through Friday, April 11 -13, 2018 at the InterContinental Mark Hopkins. The theme of the convention is "Seismic Solutions." Log on to icri.org and fill out the online form to register!

NTX Treasurer, Pete Haveron, Elected to ICRI Board of Directors

Congratulations to NTX Treasurer, Pete Haveron, upon his election to ICRI's Board of Directors as the Region 7 Representative! During Pete's 3-year term, he will represent four chapters on the Board, including North Texas, Houston, South Central Texas and Rocky Mountain. Any issues you wish to bring before ICRI's Board of Directors can be forwarded to Pete for discussion at the Board's monthly conference calls, which are held the fourth Wednesday each month at 8 AM CST. Pete joins ICRI's Vice President, Mark LeMay, on the Board of Directors giving our Chapter and our Region excellent representation!

Pete has been an active member of the North Texas Chapter since its inception in 2001, and has served as Chapter Treasurer for the last 8 years. Pete also is serving as Chairperson of ICRI's Technical Committee 310 – Surface Preparation, and will be a voting member of ICRI's Chapters and Certification Administrative Committees. Congratulations, Pete!

INDUSTRY NEWS

Have industry news to share? Recent promotion? Industry recognition? We want to hear about it! Email sgrelle@wje.com for inclusion in the next issue.

Sam Smith

South Region





Greetings from World of Concrete! ICRI Chapter Relations Director Dale Regnier & Treasurer John McDougall at ICRI's WOC booth.



UNIVERSAL









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WILLIAM LIGHT

SPORTING CLAY CLASSIC DATE ANNOUNCED!

Save the date! The NTX Chapter's 4th Annual Sporting Clay Classic will be held on the morning of Friday, June 15, 2018 at the Dallas Gun Club in Lewisville, Texas. Plan to be there for this always fun event!

This year, the June Membership meeting will be held at the Dallas Gun Club pavilion immediately following the Sporting Clay Classic. Whether or not you participate in the clay shoot, you are welcome to attend the membership meeting for lunch and networking.

Instead of a speaker, we will be inviting event sponsors to set up exhibits in the pavilion to feature their products and services. If you are interested in sponsoring the clay shoot and meeting and being an exhibitor, please be sure to mark your calendars! More info will be forthcoming. In the meantime, if you have any questions, please contact Steve Grelle (sgrelle@wje.com).



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 2018 to be used during the fall 2018 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 13, 2018, and the scholarship winner(s) will be announced on or about May 18, 2018. 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.



JOIN ICR! 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.



NORTH TEXAS CHAPTER 2018 BOARD MEMBERS

President **President-Elect** Vice President **Treasurer** Secretary

1 year Director 2 year Director 3 year Director **Immediate Past** President

R.W. Smith **Stephen Grelle** Clay Broyles Pete Haveron Eddie DeHaro

Brian Payne Abhishek Aggarwal Jon Carrier **Julie Bolding**

rwsmith@masterconstruction.com sgrelle@wje.com cbroyles@euclidchemical.com peteh@texconrest.com eddie.deharo@basf.com

bpayne@chamberlinltd.com aaggarwal@walterpmoore.com jon carrier@midcontinental.com jmb@armstrong-douglass.com

214-748-5611 972-550-7777 318-471-1131 972-291-8254 661-717-4303

214-273-9110 214-740-6257 817-498-7277 214-237-7022



The Chemical Company

Patrick Jorski

BASF Corporation Construction Chemicals 899 Valley Park Drive Shakopee, MN 55379

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Phone: 972.620.8911 Direct: 972.421.2923 Mobile: 214.755.6482 Fax: 972.620.1302



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Andy Bautz Vice President

1829 W. Shady Grove Rd. The George D. Alan Co. Grand Prairie, TX 75050 214,496,9999 phone

817 825 1771 cell 214,496,9998 fax

abautz@waterproof.pro email

Jeffrey G. Wilt. PG Executive Principal jwilt@alphatesting.co

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Crack Repairs - Industrial Floor Repairs
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Concrete Polishing & Decorative Overlayments
Concrete Floor Cleaning & Stripe Removal
Moisture Control & Remediation
Surface Preparation & Contino Removal Surface Preparation & Coating Removal Floor Sealers & Epoxy Coatings Floor Leveling • And More...

> Pete Haveron President

(972) 291-8254 Fax (972) 291-8294 Cell (214) 317-2226 peteh@texconrest.com

GET SURFACE REPAIR CERTIFIED! (SEE PAGE 3)

Why should my company have ICRI-certified Concrete Surface Repair Technicians (CSRT) on staff?

The ACI 562-16 concrete repair code commentary states that CSRTs are qualified to perform testing and inspections required by the Design Professional. Look for this requirement to become more prevalent in the coming years as, ACI 562-16 is becoming more widely recognized. Plus, better quality control and quality assurance start with better training!



For more information, visit the certification program's website

WWW.ICRI.ORG/PAGE/CERT_TECHPROGRAM



The North Texas Chapter is always looking for ways to expand or refine the newsletter. If you have suggestions on what we should include in the newsletter, new ideas, articles, or things we need to cut-out please send those comments to Abhishek Aggarwal (aaggarwal@walterpmoore.com)

Did your business card not make the newsletter? Don't worry. We can include you in future issues of the newsletter. Please contact Abhishek Aggarwal (aaggarwal@walterpmoore.com) for information. Don't delay as our newsletter ads operate on a calendar year.

2018 NORTH TEXAS ICRI

IMPORTANT DATES

JANUARY

MARCH

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OCTOBER



NOVEMBER

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18	19	20		22		

DECEMBER

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23	24	25	26	27	28	29	
30	31						

JANUARY 12

BOARD MEETING	MEMBERSHIP MEETING

JUNE 15

OCTOBER 5

JANUARY 22 AUGUST 10 ICRI KICKOFF PARTY BOARD MEETING

JANUARY 22-26 SEPTEMBER 13 WORLD OF CONCRETE MEMBERSHIP MEETING

WONED OF CONCRETE	

CONCRETE SURFACE REPAIR TECHNICIAN	GOLF TOURNAMEN
TIER 2 (HANDS-ON) CERTIFICATION	

SIMPSON STRONG-TIE MCKINNEY	OCTOBER 12
	BOARD MEETING

FEBRUARY 20

FEBRUARY 14

JOINT MEETING W/ SEAOT	NOVEMBER 7-9
MAGGIANO'S NORTHPARK	ICRI FALL CONVENTION
	OMAHA NE

MARCH 9

BOARD MEETING	NOVEMBER 15	

MEMBERSHIP MEETING

TENTATIVE: APRIL 4

TA ASCE MEETING	DECEMBER 14
	BOARD MEETING

APRIL 5

MEMBERSHIP MEETING

APRIL 11-13

ICRI SPRING CONVENTION
SAN FRANCISCO, CA

MAY 11

BOARD MEETING

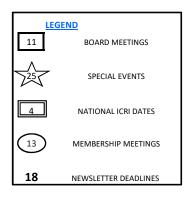
JUNE 15 (9 AM START)

CLAY SHOOT

DALLAS GUN CLUB

NEWSLETTER DEADLINES

3RD FRIDAY EACH MONTH



NORTH TEXAS CHAPTER



International Concrete Repair Institute North Texas (NTX) Chapter Scholarship Application & Guidelines, 2018

Overview & Program Guidelines

Objective: To encourage participation in the concrete and/or concrete repair industries. Scholarship funding is

provided by ICRI NTX.

Amount: At least \$1,000 for tuition, fees, and books (more than one scholarship may be awarded)

Eligibility: High school seniors and college undergraduate students that are pursuing a certificate or degree from

a college, university, or trade school.

Apply: Submit the following: **To:** ICRI North Texas Chapter

Completed application form Julie Bolding, Scholarship Committee Chair

Cover Letter 6060 N. Central Expy, Suite 800

Transcripts² Dallas, Texas 75206 214-237-7022 x 217

Test scores³ jmb@armstrong-douglass.com

Due Date: Friday, April 13, 2018

Review: Completed applications will be reviewed by the Chapter Scholarship Committee. Appointed by the

Chapter President, the Chapter Scholarship Committee Chair selects two committee members, who are approved by the Board of Directors. Applicant interviews may be requested by the Scholarship Committee. Committee members' family members are excluded from the opportunity to apply, but all

others are are eligible to apply regardless of membership in ICRI.

Decision: Award recipient will be notified via letter on or about May 18, 2018. An announcement of the award

recipient will be made during the ICRI NTX Chapter meeting on June 15, 2018.

Award: Funding will be awarded by July 2, 2018 and will be placed in an account under the award recipient's

name at his or her college, university or trade school. If no school as been selected or if student ID number and school financial aid mailing information has not been provided as of this date, funding will be held until a school is selected. Award will only be sent directly to college, university or trade school,

not to award recipient.

Follow-up: Award recipients will be expected to attend a NTX Chapter meeting (at no cost to the recipient) and to

provide a follow-up letter (or e-mail) at the completion of the semester for which funding is allocated

including a description of the coursework completed and grades earned.

1/17/2018 1

¹ While preference will be given to full-time students pursuing a career in concrete restoration, concrete strengthening methods, concrete repair material research or related fields, students from all disciplines are invited to apply. Past recipients may reapply.

² Applies to high school senior and college undergraduate applicants, unofficial transcripts are acceptable

³ Applies to high school senior applicants only, ACT or SAT scores are acceptable



International Concrete Repair Institute North Texas (NTX) Chapter Scholarship Application & Guidelines, 2018

Scholarship Application

General:	Date:	Applicant's Name:				
		<u>—</u>	(Last)		(First, M.I.)	
	Present Address:					
		(Street)				
		(City)		(State)	(Zip)	
	Phone:		E-Mail: _	, ,		
	Permanent Addre					
	remidhent Addit	(Street)				
		(City)		(State)	(Zip)	
	Phone:			(Glass)		
Education:	College, university, or trade school you are attending or plan to attend:					
	Major Field of Study:					
	Full-time: Part-time: Have you been accepted?					
	Work experience	in the Concrete o	r Construction	Industry:		
Award Info:	Remit to:			Student II):	
	Department name and address where scholarship check should be sent: *Note: Payment will not be sent to award recipient's university, college or trade school until			d be sent:		
				until		

award recipient provides their student ID number, and all information required to submit the award to their university, college or trade school.

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NORTH TEXAS CHAPTER



International Concrete Repair Institute North Texas (NTX) Chapter Scholarship Application & Guidelines, 2018

	Have you received an ICRI NTX scholarship in the past?	When?			
	If you are working, how long have you worked in a field associated with ICRI?				
	>10 years 5 to 9 years <	5 years			
	If you are a high school senior, what high school do you at	tend?			
Supplemental: (use additional	List your community, civic, or professional organization aff	filiations (include leadership):			
sheets if necessary)	List your extracurricular activities and interests:				
Cover Letter:	In addition to transcripts and test scores (for high school so 2 page cover letter with your application. The cover letter interests and goals, strongest personal characteristics, and current course of study. Steps you envision taking to achie statement about how the receipt of this scholarship could interest to the Committee.	should focus on your career I why you have selected your ve your goals as well as a			
	Signature of Applicant	Date			
	Printed Name				
	Signature of Parent/Guardian (if applicant is under 18)	Date			

The information provided in this application is complete and accurate to the best of my knowledge. I understand that scholarships are awarded at the discretion of the Scholarship Committee and, by signing above, I give the Committee permission to contact my school for verification of the information I have provided. I agree that if I am awarded a scholarship I will notify ICRI NTX immediately if my educational program is interrupted or changed in any manner that might jeopardize its intent and that I may be asked to return the scholarship. Additionally, I understand that if I am awarded a scholarship, funds will be paid to my college, university, or trade school of attendance and placed in an account under my name.

1/17/2018 3