

## PROGRAM BOOK

OCTOBER 23-27, 2022

Hyatt Regency Dallas, Dallas, TX, USA

For more information, please visit aciconvention.org.

#### **Convention Sponsors**

Sponsors are listed as of 10/12/22

#### **Texas Ranger Sponsors**

#### **Sheriff Sponsors**









#### **Marshall Sponsors**













#### **Cowboy Sponsors**









































































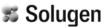




























#### **Ranch Hand Sponsors**

















#### **Bandit Sponsors**

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#### STATE OF TEXAS OFFICE OF THE GOVERNOR

#### **Greetings:**

As Governor of Texas, it is my pleasure to welcome you to the American Concrete Institute (ACI) Concrete Convention at the Hyatt Regency in Dallas.

For decades, the important work of the concrete industry has cemented the Lone Star State's status as a pillar of innovation across our nation and around the world. The concrete industry forms the foundation of an industrial society—both figuratively and literally. The ACI works tirelessly to facilitate advancements in design, materials, construction, and repair. High-quality infrastructure is indeed a prerequisite for a high-functioning society, and the admirable work of the ACI helps to ensure the integrity and longevity of our state's critical infrastructure.

Since 1905, the ACI has provided educational and networking opportunities for those in the concrete technology industry. As you gather to learn from esteemed industry experts, attend presentations, and participate in special events, I commend you for your hard work and unwavering commitment to your industry and the people you serve. The information you will learn and share over the course of this conference is imperative to both your professional development and the development of our state. To the attendees assembled here today, I have no doubt that success and achievement will be an inevitable outgrowth of your ongoing commitment to obtaining knowledge and experience.

For those of you who have traveled here, I welcome you to the beautiful city of Dallas. The Dallas-Fort Worth Metroplex is renowned for its history and culture, and I encourage you all to explore and enjoy everything this vibrant area of Texas has to offer.

First Lady Cecilia Abbott joins me in sending best wishes for a successful convention.

Sincerely,

Greg Abbott Governor

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#### ERIC L. JOHNSON Mayor of Dallas





October 23, 2022

#### **Greetings!**

As Mayor of Dallas, it is my pleasure to welcome you to our city.

We are thrilled to host the 2022 American Concrete Institute (ACI) Conference, a convening of more than 2,000 industry professionals from cities around the world, from October 23-27, 2022 in Dallas, Texas.

Founded in 1904, the ACI is trusted as the leading authority and resource for individuals and organizations involved in concrete design, construction, and materials. This conference will provide attendees with an unrivaled experience and help address industry codes, specifications, and guides, ultimately working to improve the safety and sustainability of concrete structures.

To those from out of town, I know you will enjoy Dallas and find yourselves taken by our city's hospitality. As part of the fourth-largest metropolitan area in the nation, Dallas is one of the top-five cities for meetings and conventions and the No. 1 visitor destination in Texas.

Please accept my warmest wishes for a successful event, and an unforgettable time in Dallas.

All my best,

Eric Johnson Mayor

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#### **ACI Northeast Texas Chapter Convention Committee**

Committee Chair Victor H. Villarreal

Architects' Day James (Jim) N. Cornell II Michael Faubel

Fundraising, Sponsor/Exhibits
Garrett Degeare

Conner Novotny
Jonathan O'Connor
Stewart Owings

Guest Program
Edna G. Villarreal
LeAnn Belcher

**Publicity**John Anderson
Bobby Ray

Social Events/Social Media
Curtis Lee
John Turner

**Student Program** Vartan Babakhanian

**Treasurer** Eric Cleveland

Committee Member/
Chapter Secretary
Michael Marter

Committee Member Bob Henry

#### American Concrete Institute Board of Direction

#### **President**

Charles Nmai

#### **Vice Presidents**

Antonio Nanni Michael Paul

#### **Directors**

Scott Anderson

Michael Brown

Anthony DeCarlo

John Gajda

G. Terry Harris

Kamal Khayat

Kimberly Kurtis

Robert Lewis

Anton Schindler

Matthew Sherman

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#### **Past Presidents Board Members**

Cary Kopczynski Jeffrey Coleman Randall Poston

#### **Executive Vice President**

Ron Burg

#### **ACI President's Welcome**

ACI Members and Guests:



On behalf of myself and ACI, it is a pleasure to welcome you to Dallas, TX, and the ACI Concrete Convention.

The ACI Concrete Convention provides the industry with a professional environment where individuals from across the globe come together to share new ideas and discover innovative ways to use concrete. The ACI Concrete Convention offers

educational opportunities for personal growth, committee opportunities for technical advancement, and networking opportunities for professional enrichment. The opportunities are numerous, with over 350 committee meetings; 50+ technical sessions; an exciting student competition; and numerous networking events, culminating with the Concrete Mixer at Gilley's Dallas Tuesday night. In addition, the industry exposition showcases the products and services of more than 50 companies from around the world! I urge you to make the most of your time here and attend these events.

The ACI Northeast Texas Chapter Convention Committee has put a great deal of effort into developing a convention program that is both memorable and productive. Please join me in thanking them by stopping by the host chapter desk during the ACI Concrete Convention.

Please also join me in thanking our outstanding sponsors and exhibitors. None of this would be possible without them. Anyone who is wearing a convention sponsor or exhibitor ribbon has played an integral role in the success of this convention. Please be sure to thank them while at the convention and stop by their booths to see the newest products and services on the market today.

I am honored and excited to share this week with you and hope you enjoy all that Dallas has to offer. Thank you for attending the convention and for your continued involvement in ACI.

Kind regards,

Charles Nmai ACI President



## D**±**wnload the Convention App!

Search "ACI Convention" on your Apple or Android device.

Already have the app? Simply switch the event to Fall Convention.

#### **ACI Sustaining Members**



American Engineering Testing, Inc.



American Society of Concrete Contractors



**Anchormen Construction** 



Ash Grove Cement Co.



**B&B** Concrete



Baker Concrete Construction, Inc.



Barrier One Inc.



Bauman Landscape & Construction



Bentley Systems Inc.



Cantera Concrete Company



Ceco Concrete Construction



CHRYSO, Inc.



#### Concrete Reinforcing Steel Institute

Concrete Reinforcing Steel Institute



Concrete Sealants, Inc.

#### CONCRETE STRATEGIES

MORE TO THE POUR

Concrete Strategies LLC





**CTLGroup** 



Curecrete Distribution, Inc.



**Dayton Superior Corporation** 



Doka USA Ltd.



EUCLID CHEMICAL
The Euclid Chemical
Company



**GCP Applied Technologies** 



Hawkins Construction and Flatwork, LLC



Keystone Structural Concrete LLC



LafargeHolcim (US) Inc.

#### Lehigh Hanson HEIDELBERGCEMENTGroup

Lehigh Hanson



M. Fikse Company



Master Builders Solutions



Meier Construction



**Metromont Corporation** 

MTL

Municipal Testing Group Municipal Testing Group



North S.Tarr Concrete Consulting PC



Oztec Industries, Inc.



Penetron International Ltd.



Phoenix Industrial



Seretta Construction Inc.





Specialty Products Group, Inc.



STRUCTURAL



Structural Services, Inc.



SCG Sullivan



Superior Construction Services



Tekna Chem SPA



TWC Concrete Services, LLC



Vault Construction Group



Vector Corrosion Technologies



W. R. Meadows, Inc.



Xypex



ZTEX Construction Inc.

#### **General Information**

For detailed program information and program changes, download the Convention App.

H = Hyatt Regency Dallas; U = Union Station

#### **ACI Event Platform & Mobile App**

ACI is using CrowdCompass as the event platform and mobile app for the ACI Concrete Convention. Access on-demand content, create your personal schedule, watch sponsor demonstrations, and more when you download the mobile app. Search "ACI Convention" on your Apple or Android devices. Already have the app? Simply switch to the fall convention in the app. Only registered convention attendees will be able to access the event platform/mobile app.

#### **Schedule Changes**

Cancellations, additions, and location changes to the convention schedule will be posted daily by registration, as well as in the convention app.

#### Exhibit Hall Refreshments—H-Marsalis Hall

Beverages are available courtesy of ACI during the following hours:

Saturday	Soda	2:00 pm – 6:00 pm
Sunday – Wednesday	Coffee	7:00 am – 10:00 am
Sunday – Tuesday	Soda	1:00 pm – 4:00 pm

#### ACI Store—H-Marsalis Hall

The ACI Store is open during the following hours:

Saturday	2:00 pm – 6:00 pm
Sunday – Tuesday	7:30 am – 5:00 pm
Wednesday	8:00 am – 12:00 pm

#### ACI Resource Area—H-Marsalis Hall

Looking to learn more about ACI's resources? Visit the ACI Resource Area in the exhibit hall and learn more about ACI Certification programs and the ACI Foundation.

#### **ACI** Foundation

A nonprofit subsidiary of ACI that facilitates industry research, collaboration, and student fellowships/scholarships.

Learn more at the ACI Foundation booth, located in the ACI Resource Area.

#### **Career Center**

ACI's online job search engine is specifically designed to target jobs in the industry. Learn more at the Career Center, located near the ACI Store.

#### ACI Cyber Café and Meeting Spot—H-Marsalis Hall

Stop by the ACI Cyber Café and Meeting Spot—the perfect place to stay connected with work and family or network with ACI attendees during refreshment breaks. Use the computers to browse the web, print on demand, or catch up on email.

Saturday	2:00 pm – 6:00 pm
Sunday – Tuesday	8:00 am – 5:00 pm
Wednesday	8:00 am – 12:00 pm

#### ACI Lunch Concession—H-Marsalis Hall

Stop by the exhibit hall to grab a quick bite to eat.

Please note: the Hyatt Regency Dallas is a cash-free hotel and will only accept credit/debit cards for payment.

Sunday – Tuesday 11:30 am – 1:30 pm
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#### Looking for Exercise?

Meet up with other ACI attendees in the Hyatt Regency Dallas Lobby before heading out for your morning run or walk. Local area maps are available at the hotel concierge desk. All are welcome.

Sunday – Wednesday	5:00 am and 6:00 am
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#### **Session Handouts On-Demand**

Handouts are available from speakers who have elected to provide and post them on the ACI website. Stop by the Cyber Café or go to <a href="www.aciconvention.org/handouts">www.aciconvention.org/handouts</a> to download or print a copy of the handouts for the sessions you plan to attend. If you do not find a handout for a particular session, please contact the speaker for more information.

#### Suitcasing

Attendees or sponsors found to be "suitcasing" (soliciting business in session and committee meeting rooms, aisles, or the booth of another sponsoring exhibitor) will be asked by staff to cease this practice. Should this continue, they will be asked to leave the show floor immediately and will forfeit any sponsor points earned for that show.

#### Local Information—H-Marsalis Hall



The ACI Northeast Texas Chapter Convention Committee members will be happy to answer general convention questions and provide information about the local area. Stop by the information desk during the following hours:

Saturday	2:00 pm – 5:00 pm
Sunday – Tuesday	8:00 am – 5:00 pm

#### **Birds Bourbon & Brews**

Hours: Varies 5:30 pm - 9:30 pm

#### **Centennial Cafe**

Hours: Daily, 6:30 am – 10:30 am; Monday – Saturday, 11:30 am – 2:00 pm

#### Coffee's Post

Hours: 24 Hours Daily

#### Monduel's

Hours: Sunday, 11:30 am – 12:00 am; Monday – Thursday, 3:00 pm – 12:00 am; Friday – Saturday, 2:00 pm – 1:00 am

#### Parrino's

Hours: Varies, 5:30 pm - 10:00 pm

Please visit www.hyatt.com/en-US/hotel/texas/hyatt-regency-dallas/dfwrd/dining to view additional restaurant information.

#### **General Information**

For detailed program information and program changes, download the Convention App.

H = Hvatt Regency Dallas; U = Union Station

#### **Anti-Harassment Policy**

It is the policy of the American Concrete Institute (ACI) that all participants in ACI and its subsidiaries' activities and events will enjoy an environment free from all forms of harassment and retaliation. Harassment, sexual or otherwise, is a form of misconduct that undermines the integrity of ACI activities and events, and violators of this policy will be subject to discipline. To view ACI's Anti-Harassment policy in its entirety, please visit www.concrete.org/events/policy.aspx.

#### **Continuing Education**





PROVIDER

ACI is a continuing education EDUCATION provider for the American Institute of Architects (AIA) and the

International Code Council (ICC).

#### Earn CEUs/PDHs for Session Attendance

Attend the entire duration of a live session and record the codes given out during the session using the spaces provided at the end of the program book (Session PDH Tracker). In most cases, one contact hour is equal to one Professional Development Hour (PDH). Check with your state Board for acceptance criteria. Please note: ACI does not track and cannot provide documentation confirming attendee participation or attendance at any ACI session held during the convention. On-demand recordings of sessions are not eligible for CEUs.

For attendance certificates:

- 1. Visit www.concrete.org and sign in.
- 2. Hover over My ACI and click on My ACI CEU/PDH.
- Select the convention, day, and title of the session for which you are submitting session codes.
- After successfully submitting the session codes, your certificate will be available under the session title.

#### Speaker Ready Room—H-Trinity A

The Speaker Ready Room is available to moderators, speakers, and committee Chairs during the following hours:

Saturday	2:00 pm – 6:00 pm
Sunday – Tuesday	7:00 am – 6:00 pm
Wednesday	7:00 am – 2:00 pm

All speakers are requested to check in at the Speaker Ready Room 1 day prior to their session to ensure that their presentations have been uploaded and work properly on the ACI computers.

Please note: Speakers participating in a Mini Session cannot check their presentation into the Speaker Ready Room—they must bring their presentation with them to the Mini Session.

#### **Guest-Only Events**

Please note that the guest events below are for registered guests only. To be a registered guest, a guest registration must accompany an attendee registration. Please note, there is no longer a Guest Social.

#### Guest Hospitality—H-Cotton Bowl

Sunday - Wednesday, 7:00 am - 10:00 am Coffee, tea, and breakfast items will be available for guests each morning (Sunday – Wednesday). You must be a registered guest to attend.

#### Guest Lounge—H-Cotton Bowl

Sunday, Tuesday, Wednesday, 10:00 am - 5:00 pm Monday, 10:00 am - 4:00 pm Stop by the Guest Lounge to relax and meet other ACI guests. Guests can enjoy the Guest Lounge Sunday – Wednesday.

#### Guest Overview—H-Cotton Bowl

Sunday, October 23, 2022 8:00 am - 9:00 am Acquaint yourself with the week ahead in Dallas. Learn about the exciting things to do in and around the city.

#### ACI Concrete Convention

Spring 2023 | San Francisco, CA-H-Marsalis Hall



Mark your calendars for the ACI Concrete Convention in San Francisco, CA, April 2-6, 2023, at the Hilton San Francisco Union Square.

#### Social Media

Stay up-to-date with all things ACI by following us on social media.



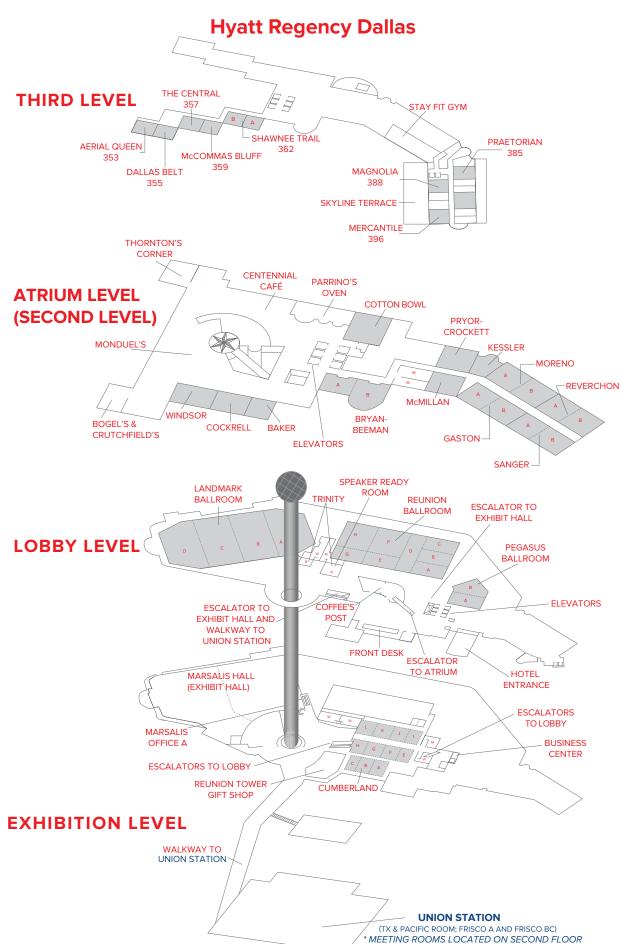








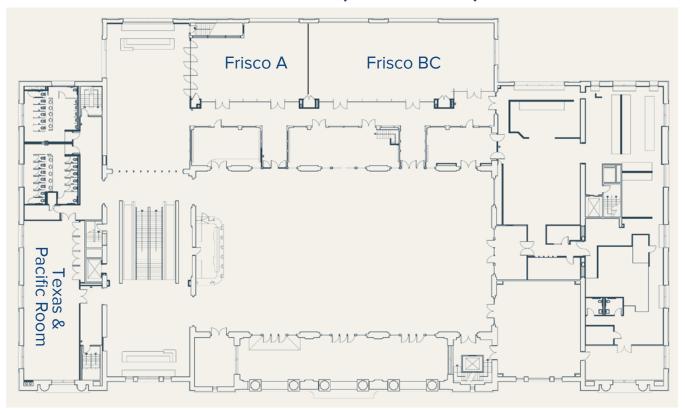
#### **Meeting Space Maps**



6

#### **Meeting Space Maps**

#### **Union Station (Second Floor)**



#### Where's That Meeting Room?

H = Hyatt Regency Dallas; U = Union Station

Hyatt Regency Dallas	
Room Name	Location
H-Cumberland B-L	
H-Marsalis Hall	Exhibition Level
H-Marsalis Office A	
H-Landmark A-D	
H-Landmark Foyer Apron	
H-Pegasus Ballroom A-B	Lobby Level
H-Reunion A-H	
H-Trinity A	
H-Baker	
H-Bogel's & Crutchfield's	
H-Bryan-Beeman A-B	
H-Cockrell	
H-Cotton Bowl	Atminum I areal (Capan d Flags)
H-Gaston A&B	Atrium Level (Second Floor)
H-Kessler	
H-McMillan	
H-Moreno A&B	
H-Pryor-Crockett	

Hyatt Regency Dallas		
Room Name	Location	
H-Reverchon A&B		
H-Sanger A&B	Atrium Level (Second Floor) (contd.)	
H-Windsor	(00==021)	
H-Aerial Queen #353		
H-Dallas Belt #355		
H-Magnolia #388		
H-Mercantile #396	Third Level	
H-Praetorian #385		
H-Shawnee Trail #362 A&B		
H-The Central #357		

Union Station	
Room Name	Location
U-Texas & Pacific Room	
U-Frisco A	Union Station
U-Frisco BC	

#### **Exhibiting Sponsors**

#### H-Marsalis Hall

ACI would like to thank all exhibiting sponsors for their participation in and support of the ACI Concrete Convention.

To learn more about each of these exhibitors, stop by their booth or visit the convention app.

#### **Exhibit Hours**

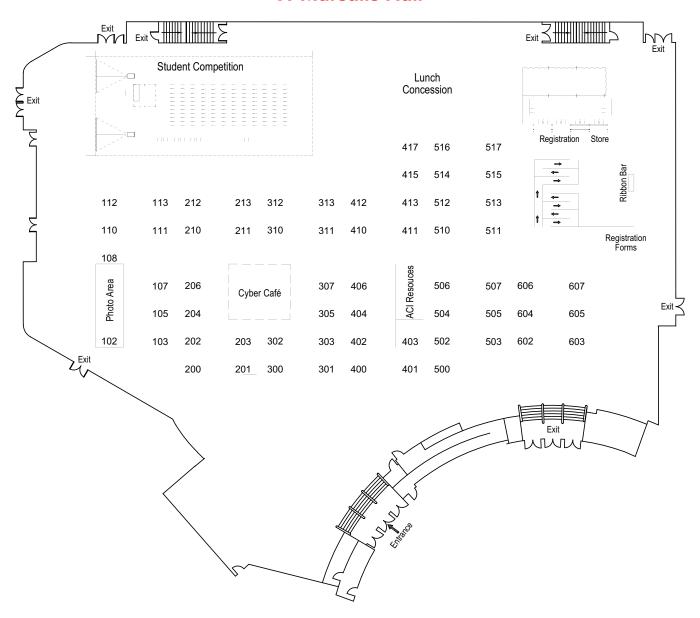
Sunday – Tuesday 8:00 am – 5:00 pm

AIT Composites www.aitcomposites.com	413	Lehigh Hanson www.lehighhanson.com	213
Arcosa Lightweight www.arcosalightweight.com	410	M.A. Industries Inc. www.maind.com	210
Argos www.argos-us.com	500	Mapei Corporation www.mapei.com	511
Baker Concrete Construction www.bakerconcrete.com	415 & 417	Master Builders Solutions www.master-builders-solutions.com	300
BuildingPoint Central www.buildingpointecentral.com	516	NEU: An ACI Center of Excellence for Carbon-Neutral Concrete	401
Buzzi Unicem USA www.buzziunicemusa.com	103	www.neuconcrete.org	
Cervenka Consulting www.cervenka.cz	206	NEx: An ACI Center of Excellence for Nonmetallic Building Materials www.nonmetallic.org	403
Chimica Edile USA www.ceusa.cc	211	Olson Engineering, Inc. www.olsonengneering.com	203
Chryso www.chrysoinc.com	604	NoCo www.noco.tech	303
CMEC, Inc. www.cmec.org	302	Penetron USA, Inc. www.penetron.com	504
Concrete Sealants, Inc. www.conseal.com	201	PoreShield www.poreshield.com	305
Concrete Strategies www.concretestrategies.com	212	Premier CPG www.premiermagnesia.com	517
Controls, Inc. www.controls-group.com	400	PS=0® www.pourstrip0.com	411
Cresset Chemical Company www.cresset.com	313	PT Saw www.ptsaw.com	505
CTLGroup www.ctlgroup.com	404	Rhino Carbon Fiber™ www.rhinocarbonfiber.com	200
Euclid Chemical www.euclidchemical.com	412	Riteks Construction Chemicals www.riteks.com/construction-chemicals	506
FullForce by ABC Polymers www.FiberForce.us	402	Screening Eagle Technologies www.screeningeagle.com	310
GCP www.gcpat.com/en	602	Silica Fume Association www.silicafume.org	503
Geophysical Survey Systems, Inc www.geophysical.com	406	Specification Products www.specifictionproducts.com	512
Germann Instruments, Inc. www.germanninstruments.com	510	Splice Sleeve North America, Inc. www.splicesleeve.com	312
Gilson Company Inc. www.globalgilson.com	107	Structural Technologies www.structuraltechnologies.com	311
Humboldt Mfg Co. www.humboldtmfg.com	513	<b>Techstreet</b> www.techstreet.com	502
Informed Infrastructure www.informedinfrastructure.com	202	TOKUSEN U.S.A., Inc. www.tokusenusa.com	307
International Concrete Repair Institute www.icri.org	507	Vector Corrosion Technologies Inc. www.vector-corrosion.com	515
Kryton International	301		

www.kryton.com

#### **Exhibit Hall Floor Plan**

#### H-Marsalis Hall





For detailed program information and program changes, download the Convention App.  $\checkmark$ = Separate fee required  $\star$ = Guest-only event H = Hyatt Regency Dallas; U = Union Station

Saturday, Octobe	r 22 2022
8:00 am – 5:00 pm	1 22, 2022
√12th International Workshop on	
Structural Concrete	H-Reunion E
8:00 am – 9:00 pm	
Committee Meetings	See Numeric or Convention App for detailed list
8:30 am – 10:00 am—Session	
√12th International Workshop Session: Updates to ACI 318	H-Reunion E
9:00 am – 5:00 pm	
Chapter Officer Roundtable (Closed)	H-Cumberland B
10:15 am – 11:45 am—Session	
√12th International Workshop Session: Outstanding International Projects	H-Reunion E
12:00 pm – 1:30 pm	
√12th International Workshop Lunch	H-Pegasus Ballroom B
1:45 pm – 3:15 pm— <i>Session</i>	
√12th International Workshop Session: Sustainable Design with Concrete	H-Reunion E
2:00 pm – 6:00 pm	
ACI Registration/Store	H-Marsalis Hall
ACI Cyber Café & Meeting Spot	H-Marsalis Hall
Afternoon Soda Break	H-Marsalis Hall
Speaker Ready Room	H-Trinity A
3:30 pm – 5:00 pm—Session	
√12th International Workshop Session: Design for Extreme Events	H-Reunion E
5:30 pm – 7:00 pm	
√12th International Workshop Reception and Young Practicing Engineers Poster Session	H-Cumberland E&F
Sunday, October	23, 2022
5:00 am and 6:00 am	
Run/Walk Meet-Up	Depart Hyatt Regency Dallas Lobby
7:00 am – 10:00 am	
★Guest Hospitality	H-Cotton Bowl
Coffee Break	H-Marsalis Hall
7:00 am – 6:00 pm	
Speaker Ready Room	H-Trinity A
7:00 am – 5:45 pm	
Committee Meetings	See Numeric or Convention App for detailed list
7:30 am – 5:00 pm	
ACI Registration/Store	H-Marsalis Hall
0	

8:00 am – 9:00 am			
Convention Orientation Breakfast	H-Pegasus Ballroom		
★Guest Overview	H-Cotton Bowl		
8:00 am – 5:00 pm			
Exhibit Hall	H-Marsalis Hall		
8:00 am – 10:00 am—Session			
100 Year Anniversary of the Slump Cone, Part 1 of 2	H-Reunion A		
9:00 am – 3:00 pm			
Pervious Concrete Cylinder Competition	H-Marsalis Hall		
9:30 am – 11:00 am—Session			
ACI International Forum	H-Reunion F		
10:00 am – 5:00 pm			
★Guest Lounge	H-Cotton Bowl		
10:30 am – 12:30 pm— <i>Sessions</i>			
100 Year Anniversary of the Slump Cone, Part 2 of 2	H-Reunion A		
Concrete with Recycled Materials, Part 1 of 2	H-Reunion C		
New AASHTO Performance-Based Seismic Design Guidelines	H-Reunion B		
UHPC – New Insights, Part 1 of 3	H-Reunion E		
11:30 am – 1:30 pm			
Lunch Concession	H-Marsalis Hall		
√International Lunch	H-Pegasus Ballroom B		
12:30 pm – 1:30 pm <i>—Mini Session</i>			
Overview of the New PRC-215: Concrete Structure Design for Fatigue Loading	H-Landmark C		
1:00 pm – 2:00 pm— <i>Mini Session</i>			
Performance Design for Code Compliance, Sustainability & Advanced Technology	H-Landmark D		
1:00 pm – 3:00 pm—Sessions			
Concrete with Recycled Materials, Part 2 of 2	H-Reunion C		
Innovations in Concrete Technology	H-Reunion B		
UHPC – New Insights, Part 2 of 3	H-Reunion E		
1:00 pm – 4:00 pm			
Afternoon Soda Break	H-Marsalis Hall		
1:30 pm – 3:30 pm—Session			
International Session – Always Advancing Technology	H-Reunion A		
3:30 pm – 5:30 pm—Sessions			
Don't Mess with Texas Concrete – A Historical Perspective of the Concrete Industry	H-Reunion C		
Innovations in Bridge Deck Design and Materials	H-Reunion A		
Sustainability and Resiliency of the Built Environment Using Concrete and Cement-Based Composites	H-Reunion B		

For detailed program information and program changes, download the Convention App.

√= Separate fee required ★ = Guest-only event

H = Hyatt Regency Dallas; U = Union Station

3:30 pm – 5:30 pm—Sessions (contd.)	1			
UHPC – New Insights, Part 3 of 3	H-Reunion E			
5:45 pm – 7:00 pm	11-Reuthoff E			
Opening Session and Keynote Presentation	H-Landmark A&B			
7:00 pm – 8:00 pm				
Opening Reception	H-Marsalis Hall			
8:00 pm – 10:00 pm—Session				
Hot Topic Session: When Carbon Reduction and Constructability Clash: Who is Responsible for the Fallout?	H-Reunion A			
8:30 pm – 10:00 pm				
Student and Young Professional Networking Event	H-Bogel's & Crutchfield's			
Monday, Octobe	24, 2022			
5:00 am and 6:00 am				
	Depart Hyatt Regency			
Run/Walk Meet-Up	Dallas Lobby			
6:30 am – 8:00 am				
Workshop for Technical Committee Chairs (by invitation only)	H-Landmark D			
7:00 am – 8:30 am				
Speaker Development Breakfast	H-Reunion G&H			
7:00 am – 10:00 am				
★Guest Hospitality	H-Cotton Bowl			
Coffee Break	H-Marsalis Hall			
7:00 am – 6:00 pm				
Speaker Ready Room	H-Trinity A			
7:00 am – 7:00 pm	9			
Committee Meetings	See Numeric or Convention App for detailed list			
7:30 am – 9:00 am	ripp for actured fist			
Chapter Officer Business & Breakfast (Closed)	H-Bryan Beeman B			
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7:30 am – 5:00 pm	H-Marsalis Hall			
ACI Registration/Store				
ACI Cyber Café & Meeting Spot	H-Marsalis Hall			
8:00 am – 8:30 am  Coffee at Meeting Spot for first-time attendees	H-Marsalis Hall			
8:00 am – 5:00 pm Exhibit Hall	H-Marsalis Hall			
8:30 am – 10:30 am—Sessions	11-19101 50115 11011			
Code-307-22: Reinforced Concrete Chimneys	H-Reunion C			
New Trends and Technologies for Mitigating Reinforcing Steel Corrosion on Existing Structures, Part 1 of 2	H-Reunion E			
Research in Progress, Part 1 of 2	H-Reunion B			
What I Wish I Knew: Managing Career Transitions	H-Reunion A			

9:00 am – 10:00 am— <i>Mini Session</i>	
Externally Bonded Fiber Reinforcing Polymer (FRP) Strengthening Design Considerations	H-Reunion G&H
10:00 am – 4:00 pm	
★ Guest Lounge	H-Cotton Bowl
10:30 am – 11:30 am—Session	ı
ACI Student Forum	H-Bryan-Beeman B
10:30 am – 12:00 pm—Session	1
ACI 123 Student Poster Session	H-Marsalis Hall
11:00 am – 1:00 pm—Sessions	1
Characterizing and Controlling Interfaces in Concrete, Part 1 of 2	H-Reunion C
Component and System Level Seismic Performance Evaluation of Bridges Under Mainshock- Aftershock Ground Motion Effects	H-Reunion A
New Trends and Technologies for Mitigating Reinforcing Steel Corrosion on Existing Structures, Part 2 of 2	H-Reunion E
Research in Progress, Part 2 of 2	H-Reunion B
11:30 am – 1:30 pm	
Lunch Concession	H-Marsalis Hall
✓Student Lunch	H-Landmark D
1:00 pm – 4:00 pm	
Afternoon Soda Break	H-Marsalis Hall
1:30 pm – 2:00 pm	
Sodas at The Meeting Spot for first-time attendees	H-Marsalis Hall
1:30 pm – 3:30 pm—Sessions	
Characterizing and Controlling Interfaces in Concrete, Part 2 of 2	H-Reunion C
Concrete Design 201	H-Reunion A
Concrete Olympics: Design, Construction, Evaluation, and Repair of Concrete Bridges and Structures with Members of the ACI, KCI, TCI, and FIB, Part 1 of 4	H-Reunion E
Loading Protocols for Seismic Performance Evaluation of Structural Components, Part 1 of 2	H-Reunion B
3:30 pm – 4:30 pm— <i>Mini Session</i>	
Always Advancing – Requires New and Current ACI Products: ACI Code 440.11 and ACI/TMS CODE 122.1	U-Frisco A
4:00 pm – 6:00 pm—Sessions	
Concrete Olympics: Design, Construction, Evaluation, and Repair of Concrete Bridges and Structures with Members of the ACI, KCI, TCI, and FIB, Part 2 of 4	H-Reunion E
Concrete Pavement Roundabouts	H-Reunion A
Evaluation and Analysis of Bridges with Non-Traditional Materials	H-Reunion C

For detailed program information and program changes, download the Convention App.  $\checkmark$ = Separate fee required  $\star$ = Guest-only event H = Hyatt Regency Dallas; U = Union Station

4:00 pm - 6:00 pm-Sessions (contd.	1			
	<i>,</i>			
Loading Protocols for Seismic Performance Evaluation of Structural Components, Part 2 of 2	H-Reunion B			
5:00 pm – 6:00 pm				
Women in ACI Reception H-Cotton Bowl				
6:00 pm – 10:00 pm	<u></u>			
✓ ACI Excellence in Concrete				
Construction Awards Gala	H-Landmark A&B			
6:30 pm – 8:30 pm—Session				
123 Forum: Do Building Codes Support Sustainable Development?	H-Reunion A			
Tuesday, Octobe	r 25, 2022			
5:00 am and 6:00 am				
Run/Walk Meet-Up	Depart Hyatt Regency Dallas Lobby			
7:00 am – 10:00 am				
★Guest Hospitality	H-Cotton Bowl			
Coffee Break	H-Marsalis Hall			
7:00 am – 6:00 pm				
Speaker Ready Room	H-Trinity A			
7:00 am – 7:00 pm				
Committee Meetings	See Numeric or Convention App for detailed list			
7:30 am – 5:00 pm				
ACI Registration/Store	H-Marsalis Hall			
ACI Cyber Café & Meeting Spot	H-Marsalis Hall			
8:00 am – 8:30 am	I.			
Coffee at Meeting Spot for first-time attendees	H-Marsalis Hall			
8:00 am – 9:00 am—Mini Session	<u>I</u>			
Mixture Design and Proportioning for Pervious Concrete Pavements	H-Landmark C			
8:00 am – 5:00 pm				
Exhibit Hall	H-Marsalis Hall			
8:30 am – 9:30 am— <i>Mini Sessions</i>	1			
Aspects of ICF Walls: Design, Construction, and Performance	U-Frisco BC			
Soil Cement in Pavement and Reservoir Applications	H-Cumberland H			
8:30 am – 10:30 am—Sessions				
Architects' Day Session, Part 1 of 2	H-Reunion A			
	11-Keumon A			
Concrete Olympics: Design, Construction, Evaluation, and Repair of Concrete Bridges and Structures with Members of the ACI, KCI, TCI, and FIB, Part 3 of 4	H-Reunion E			
Current Practices for Advanced Analysis Techniques of Concrete, Part 1 of 2	H-Reunion C			
Shrinkage and Creep of SCC: How Unique and Important are They?	H-Reunion B			

9:00 am – 10:00 am— <i>Mini Session</i>			
Cellular Concrete: State of Practice	H-Sanger A&B		
10:00 am – 5:00 pm			
★Guest Lounge	H-Cotton Bowl		
11:00 am – 1:00 pm— <i>Sessions</i>			
Concrete Olympics: Design, Construction, Evaluation, and Repair of Concrete Bridges and Structures with Members of the ACI, KCI, TCI, and FIB, Part 4 of 4	H-Reunion E		
Current Practices for Advanced Analysis Techniques of Concrete, Part 2 of 2	H-Reunion C		
Excellence Awards— Project Presentation	H-Reunion B		
Paper Awards Presentation Session – Published in 2021	H-Reunion A		
11:30 am – 12:30 pm— <i>Mini Session</i>			
Tutorial-Letter Ballot Resolution for Specifications via Virtual Meetings	U-Frisco A		
11:30 am – 1:30 pm			
Lunch Concession	H-Marsalis Hall		
✓Architects' Day Lunch	H-Pegasus Ballroom B		
1:00 pm – 4:00 pm			
Afternoon Soda Break	H-Marsalis Hall		
1:30 pm – 2:00 pm			
Sodas at The Meeting Spot for first-time attendees	H-Marsalis Hall		
1:30 pm – 2:30 pm— <i>Mini Sessions</i>			
Comparative Prescription for Alternative Reinforcements	H-Moreno A&B		
The State of Concrete in Texas	U-Texas & Pacific Room		
1:30 pm – 3:30 pm—Sessions			
Architects' Day Session, Part 2 of 2	H-Reunion A		
Open Topic Session, Part 1 of 2	H-Reunion B		
Practical Applications of Particle Packing Theory	H-Reunion E		
The A to Zs of Supplementary Cementitious Material Reactivity, Part 1 of 2	H-Reunion C		
3:00 pm – 4:00 pm— <i>Mini Session</i>			
Constructability: Hot Topics, Recent Developments & Case Studies	H-Cumberland E&F		
4:00 pm – 6:00 pm—Sessions	T		
Emerging Methods for Surface Damage Monitoring and Imaging, Part 1 of 2	H-Reunion A		
Open Topic Session, Part 2 of 2	H-Reunion B		
The A to Zs of Supplementary Cementitious Material Reactivity, Part 2 of 2	H-Reunion C		
ACI 211.1-22 Guide for Mix Proportioning Highlights	H-Reunion E		

For detailed program information and program changes, download the Convention App.

√= Separate fee required ★ = Guest-only event

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5:00 pm – 6:00 pm				
Faculty Network Reception	H-Pegasus Ballroom B			
6:00 pm – 10:00 pm				
Concrete Mixer Gilley's Dallas (offsite event)				
Wednesday, Octob	er 26, 2022			
5:00 am and 6:00 am				
Run/Walk Meet-Up	Depart Hyatt Regency Dallas Lobby			
7:00 am – 10:00 am				
★Guest Hospitality	H-Cotton Bowl			
Coffee Break	H-Marsalis Hall			
7:00 am – 2:00 pm				
Speaker Ready Room	H-Trinity A			
7:00 am – 5:00 pm				
Committee Meetings	See Numeric or Convention App for detailed list			
8:00 am – 9:00 am— <i>Mini Session</i>				
Best Practices for Jointing of Industrial Pavements and Parking Lots	H-Cumberland E&F			
8:00 am – 12:00 pm				
ACI Registration/Store	H-Marsalis Hall			
8:00 am – 2:00 pm				
ACI Cyber Café & Meeting Spot	H-Marsalis Hall			

8:30 am – 10:30 am—Sessions			
Advances in Polymer Concrete	H-Reunion E		
Emerging Methods for Surface Damage Monitoring and Imaging, Part 2 of 2	H-Reunion A		
Synergy of Nanoparticles with Supplementary Cementitious Materials in Concrete, Part 1 of 2	H-Reunion C		
Tolerance Considerations to Enhance Constructability	H-Reunion B		
9:00 am – 5:00 pm			
✓ NEx Workshop on Designing Concrete Structures Reinforced with FRP Bars Using the New ACI CODE 440.11-22	H-Reunion F		
10:00 am – 5:00 pm			
★Guest Lounge	H-Cotton Bowl		
11:00 am – 1:00 pm—Session			
Synergy of Nanoparticles with Supplementary Cementitious Materials in Concrete, Part 2 of 2	H-Reunion E		
6:30 pm – 8:00 pm			
President's Reception	H-Landmark D		
Thursday, October 27, 2022			
8:00 am – 12:00 pm			
Board of Direction	H-Bryan Beeman A&B		



### JOIN A COMMITTEE!

ACI Committees are recognized for providing widely accepted standards of practice for nearly every facet of the concrete industry thanks to the participation of professionals across the concrete industry.

ACI's committees are classified as follows:

100s – General

200s – Materials and Properties of Concrete

300s – Design and Construction

400s – Concrete Reinforcement and Structural Analysis

500s – Specialized Applications and Repair

C - Certification Committees

E – Education Committees

S – Student and Young Professional Committees

Help shape the codes and standards of the concrete industry and join a committee!

If you are interested in joining a committee, visit www.concrete.org/committees/joinacommittee and fill out the online application.













## Numeric

#### **Numerical Committee Meeting Listing**

For detailed program information and program changes, download the Convention App.

H = Hyatt Regency Dallas; U = Union Station

Code	Committee	Day	Time	Room Name
ACIFdn	ACI Foundation's Board of Trustees	Wed	9:00 am – 11:30 am	H-Cumberland C
BOD	Board of Direction	Thu	8:00 am – 12:00 pm	H-Bryan-Beeman A&B
CAC	Chapter Activities Committee	Mon	2:00 pm – 4:00 pm	H-Cumberland H
CIC	ACI Foundation's Concrete Innovation Council	Mon	9:00 am – 11:00 am	H-Windsor
CLC	Construction Liaison Committee	Sun	8:00 am – 10:30 am	H-Bryan-Beeman B
CPC	Certification Programs Committee	Tue	2:00 pm – 5:00 pm	U-Frisco B&C
CSAO	Codes and Standards Advocacy and Outreach	Mon	3:30 pm – 5:30 pm	U-Frisco A
C610	Field Technician Certification	Mon	8:00 am – 10:00 am	H-Cumberland E&F
C612	Self-Consolidating Concrete Technician Certification	Mon	11:30 am – 1:00 pm	H-Cumberland L (HYBRID)
C620	Laboratory Technician Certification	Tue	8:30 am – 10:00 am	H-Reunion F
C630	Construction Inspector Certification	Mon	1:00 pm – 2:30 pm	H-Baker
C640	Craftsman Certification	Sun	10:00 am – 1:00 pm	H-Landmark D
C641	Decorative Concrete Finisher Certification	Tue	1:00 pm – 2:00 pm	H-McMillan
C650	Tilt-Up Constructor Certification	Sun	4:00 pm – 5:30 pm	H-Aerial Queen #353
C655	Foundation Constructor Certification	Wed	8:00 am – 9:30 am	H-Moreno A&B
C660	Shotcrete Nozzleman Certification	Sun	10:00 am – 12:00 pm	H-Aerial Queen #353
C661	Shotcrete Inspector Certification	Sun	1:00 pm – 2:00 pm	H-Bryan-Beeman B
C670	Masonry Technician Certification	Mon	3:00 pm – 4:30 pm	H-Cumberland B
C680	Adhesive Anchor Installer	Sun	9:30 am – 11:00 am	H-McMillan
C690	Concrete Quality Technical Manager Certification	Mon	10:30 am – 11:30 am	H-Cumberland L (HYBRID)
C691	Nondestructive Concrete Specialist Certification	Mon	1:00 pm – 3:00 pm	H-McMillan
EAC	Educational Activities Committee	Tue	8:00 am – 11:00 am	H-Cumberland B
E701	Materials for Concrete Construction	Sun	9:00 am – 10:30 am	H-Moreno B
E702	Designing Concrete Structures	Mon	9:00 am – 11:00 am	H-Reunion G&H
E703	Concrete Construction Practices	Mon	4:00 pm – 6:00 pm	H-Aerial Queen #353
E706	Concrete Repair Education	Sun	7:30 am – 9:00 am	H-Cumberland K (HYBRID)
E707	Specification Education	Tue	11:30 am – 1:00 pm	U-Frisco A
E710	ACI University Programs	Sun	11:30 am – 12:30 pm	H-Baker
E905	Training Programs	Sun	9:00 am – 10:00 am	H-Cumberland B
HTC	Hot Topics Committee	Sun	3:00 pm – 4:00 pm	H-Dallas Belt #355
IAC	International Advisory Committee	Tue	9:30 am – 11:30 am	H-Shawnee Trail A&B #362
IC-Conf	International Conferences/Conventions	Mon	7:15 am – 8:30 am	H-Aerial Queen #353
Intl-Cert	International Certification	Sun	2:00 pm – 5:00 pm	H-Cumberland C
IPAC	International Project Awards Committee	Wed	9:00 am – 11:00 am	H-Cumberland J (HYBRID)
MEMC	Membership Committee	Mon	10:00 am – 11:00 am	H-Baker
SYPAC	Student and Young Professional Activities Committee	Wed	8:00 am – 9:30 am	H-Cumberland G (HYBRID)
S801	Student Competitions	Sun	7:30 am – 9:00 am	H-Reverchon A
S802	Teaching Methods and Educational Materials	Mon	8:30 am – 10:00 am	H-Cumberland L (HYBRID)
S806	Young Professional Activities	Mon	1:30 pm – 3:00 pm	H-Sanger A&B
TAC	Technical Activities Committee	Sat	1:00 pm – 5:00 pm	H-Pegasus Ballroom A
TCSC	TAC Construction Standards Committee	Wed	8:30 am – 10:30 am	H-Cumberland H
TRRC	TAC Repair and Rehabilitation Committee	Tue	7:00 am – 8:30 am	H-Shawnee Trail A&B #362
093-11	ITG-11 Statistical Techniques for Assessment of Existing Concrete Structures	Mon	12:00 pm - 1:00 pm	H-Reunion G&H
117	Tolerances (Joint ACI-ASCC)	Tue	8:00 am – 12:00 pm	H-Moreno A&B
117-A	Editorial and General Requirements	Mon	2:00 pm – 6:00 pm	H-The Central #357
117-D	Cast-in-Place Concrete for Buildings	Mon	8:30 am – 10:30 am	H-Pryor-Crockett

#### **Numerical Committee Meeting Listing**

For detailed program information and program changes, download the Convention App. H = Hyatt Regency Dallas; U = Union Station

Code	Committee	Day	Time	Room Name
117-F	Cast-in-Place Floors	Mon	5:00 pm – 6:00 pm	H-Moreno A
117-I	Exterior Pavements and Sidewalks	Mon	1:00 pm – 4:00 pm	H-Aerial Queen #353
117-L	Laser Scanning	Tue	1:30 pm – 3:00 pm	H-Bryan-Beeman A
120	History of Concrete	Tue	1:30 pm – 3:30 pm	U-Texas & Pacific Room
121	Quality Assurance Systems for Concrete	Mon	10:00 am – 12:00 pm	H-Dallas Belt #355
122	Energy Efficiency of Concrete and Masonry Systems (Joint ACI-TMS)	Mon	1:00 pm – 3:30 pm	H-Cumberland K (HYBRID)
123	Research and Current Developments	Sun	4:00 pm – 5:30 pm	H-Landmark D
124	Concrete Aesthetics	Mon	12:30 pm – 2:00 pm	H-Cumberland I (HYBRID)
130	Sustainability of Concrete	Mon	2:00 pm – 5:00 pm	H-Windsor
130-A	Materials	Mon	8:30 am – 11:00 am	H-Reverchon B
130-G	Education	Mon	11:00 am – 12:00 pm	H-Windsor
130-Н	Climate Change Impacts on the Sustainability of Concrete	Mon	8:00 am – 10:00 am	H-Sanger A&B
131	Building Information Modeling of Concrete Structures	Sun	10:00 am – 12:00 pm	H-Cumberland B
131-A	BIM for Bridges	Sun	12:00 pm – 2:00 pm	H-Cumberland B
132	Responsibility in Concrete Construction	Sun	2:00 pm – 5:00 pm	H-Bryan-Beeman B
133	Disaster Reconnaissance	Sun	3:00 pm – 5:00 pm	H-Windsor
134	Concrete Constructability	Tue	3:00 pm – 6:00 pm	H-Cumberland E&F
201	Durability of Concrete	Tue	8:00 am – 11:00 am	H-Reunion G&H
201-D	Steering Subcommittee	Mon	11:30 am – 1:00 pm	H-Bryan-Beeman A
201-H	Aggregate Reactions	Sun	12:00 pm – 2:00 pm	H-Cumberland J (HYBRID)
201-I	Corrosion of Metals in Concrete	Mon	9:00 am – 11:00 am	H-Cumberland H
201-J	Chemical Attack on Concrete	Sun	11:00 am – 1:00 pm	H-Shawnee Trail A&B #362
201-K	Biogenic Attack	Sun	2:00 pm – 3:00 pm	H-Kessler
207	Mass Concrete	Mon	10:00 am – 1:00 pm	U-Frisco A
209	Creep and Shrinkage in Concrete	Mon	12:00 pm – 2:00 pm	H-Cumberland G (HYBRID)
209-C	Models Applicability and Uncertainty	Sun	4:00 pm – 5:00 pm	H-Cumberland G (HYBRID)
209-D	Numerical Methods and 3D Analyses	Sun	5:00 pm – 5:45 pm	H-Cumberland G (HYBRID)
211	Proportioning Concrete Mixtures	Wed	8:00 am – 10:00 am	H-Reverchon A&B
211-F	Proportioning-Submittal	Mon	2:00 pm – 3:30 pm	H-Pryor-Crockett
211-M	Aggregate Packing Model	Tue	3:00 pm – 4:00 pm	H-Baker
211-TG2	Developing & Using a Three Point Curve	Tue	12:00 pm – 2:00 pm	H-Baker
212	Chemical Admixtures	Mon	2:00 pm – 5:00 pm	H-Cumberland G (HYBRID)
213	Lightweight Aggregate and Concrete	Tue	1:30 pm – 3:30 pm	U-Frisco A
214	Evaluation of Results of Tests Used to Determine the Strength of Concrete	Mon	3:30 pm – 5:30 pm	H-McMillan
214-A	Document Preparation	Mon	1:00 pm – 2:30 pm	H-Cumberland C
215	Fatigue of Concrete	Sun	12:30 pm – 2:30 pm	H-Landmark C
216	Fire Resistance and Fire Protection of Structures (Joint ACI-TMS)	Mon	9:00 am – 12:00 pm	H-Cumberland J (HYBRID)
216-TG1	Rational Design	Sun	12:00 pm – 2:00 pm	H-Bryan-Beeman A
221	Aggregates	Tue	11:00 am – 1:30 pm	H-Cumberland L (HYBRID)
222	Corrosion of Metals in Concrete	Tue	2:00 pm – 5:00 pm	H-Landmark C
222-TG1	Developing Standardized Tests for Chloride Thresholds	Sun	1:00 pm – 3:00 pm	H-Gaston A&B
223	Shrinkage-Compensating Concrete	Tue	2:00 pm – 5:00 pm	H-Gaston A&B
224	Cracking	Sun	2:30 pm – 5:30 pm	H-Reverchon B
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## Numeric

#### **Numerical Committee Meeting Listing**

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H = Hyatt Regency Dallas; U = Union Station

Code	Committee	Day	Time	Room Name
225	Hydraulic Cements	Mon	1:00 pm – 5:00 pm	H-Reverchon A
228	Nondestructive Testing of Concrete	Sun	9:30 am – 12:30 pm	H-Gaston A&B
228-B	Visual Condition Survey of Concrete	Sun	1:00 pm – 3:00 pm	H-Cumberland H
229	Controlled Low-Strength Materials	Tue	2:30 pm – 4:00 pm	H-Cumberland I (HYBRID)
230	Soil Cement	Tue	8:30 am – 10:30 am	H-Cumberland H
231	Properties of Concrete at Early Ages	Mon	3:30 pm – 5:00 pm	H-Moreno A
232	Fly Ash and Bottom Ash in Concrete	Mon	1:00 pm – 4:00 pm	U-Frisco B&C
233	Ground Slag in Concrete	Tue	2:00 pm – 5:00 pm	H-Cumberland L (HYBRID)
234	Silica Fume in Concrete	Tue	2:00 pm – 4:30 pm	H-Cumberland B
236	Material Science of Concrete	Mon	4:30 pm – 6:00 pm	H-Pegasus Ballroom
237	Self-Consolidating Concrete	Mon	8:15 am – 12:00 pm	H-Shawnee Trail A&B #362
238	Workability of Fresh Concrete	Tue	8:00 am – 10:00 am	H-Cumberland K (HYBRID)
238-A	Student Workability	Tue	10:00 am – 11:30 am	H-Kessler
239	Ultra-High-Performance Concrete	Mon	3:30 pm – 6:00 pm	H-Cumberland K (HYBRID)
239-C	Structural Design on UHPC	Mon	10:30 am – 12:30 pm	H-Gaston A&B
239-D	Materials & Methods of Construction with UHPC	Mon	1:00 pm – 3:00 pm	U-Frisco A
239-Е	Educational Outreach	Sun	1:00 pm - 3:00 pm	H-Windsor
239-F	UHPC Sustainability	Tue	8:30 am – 10:00 am	H-Cumberland C
239-SC	Steering Committee	Fri	5:59 am – 7:00 am	H-Baker
240	Pozzolans	Mon	10:00 am – 1:00 pm	H-Cumberland E&F
241	Nanotechnology of Concrete	Sun	4:00 pm – 5:45 pm	H-Reunion F
241-A	The Application and Implementation of Nano- Engineered Concrete	Tue	1:00 pm – 3:00 pm	H-Cumberland J (HYBRID)
241-SC	Steering Committee	Sun	11:00 am – 12:00 pm	H-Reverchon B
241-TG1	Dispersion of Nanoparticles in Concrete Materials TG	Sun	1:00 pm – 3:00 pm	H-Reunion G
241-TG2	Nanoscale Fiber Reinforced Concrete Task Group	Sun	3:00 pm – 4:00 pm	H-Landmark D
242	Alternative Cements	Tue	11:00 am – 2:00 pm	H-Landmark C
301	Specifications for Concrete Construction	Sat	1:00 pm – 4:00 pm	H-Reunion F
301	Specifications for Concrete Construction	Sun	2:00 pm – 4:00 pm	H-Reunion F
301	Specifications for Concrete Construction	Mon	1:00 pm – 5:00 pm	H-Reunion G&H
301-A	General Requirements – Section 1	Sun	8:00 am – 9:30 am	H-Kessler
301-B	Formwork and Formwork Accessories – Section 2	Sat	6:30 pm – 8:30 pm	H-Cumberland C
301-C	Reinforcement and Reinforcement Supports – Section 3	Sat	4:00 pm – 6:00 pm	H-Cumberland L
301-D	Concrete Mixtures – Section 4	Sun	8:00 am – 9:30 am	H-Cockrell
301-E	Handling, Placing, and Constructing – Section 5	Tue	4:00 pm - 6:00 pm	H-Bryan-Beeman A
301-F	Architectural Concrete – Section 6	Sun	10:30 am – 12:30 pm	H-Bryan-Beeman B
301-G	Lightweight Concrete – Section 7	Mon	9:00 am – 10:00 am	H-Reverchon A
301-H	Mass Concrete – Section 8	Sun	9:30 am – 11:00 am	H-Kessler
301-I	Post-Tensioned Concrete – Section 9	Sun	9:00 am – 10:30 am	H-Sanger A&B
301-J	Shrinkage Compensating Concrete – Section 10	Sun	8:30 am – 10:00 am	H-Cumberland J (HYBRID)
301-K	Industrial Floor Slabs – Section 11	Sun	10:00 am – 11:30 am	H-Cumberland J (HYBRID)
301-L	Tilt-Up Construction – Section 12	Sun	7:30 am – 9:30 am	H-Bryan-Beeman A
301-M	Precast Structural Concrete – Section 13	Sun	10:00 am – 11:00 am	H-Mercantile #396
301-N	Precast Architectural Concrete – Section 14	Sun	11:00 am – 12:00 pm	H-Pryor-Crockett
301-S	Sustainability	Sun	10:00 am – 11:30 am	H-Magnolia #388
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301-SC	Steering Committee	Sat	11:30 am – 12:30 pm	H-Cumberland I

#### **Numerical Committee Meeting Listing**

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Code	Committee	Day	Time	Room Name
303	Architectural Cast-in-Place Concrete	Mon	8:30 am – 11:00 am	H-Cockrell
304	Measuring, Mixing, Transporting, and Placing	Mon	11:30 am – 1:00 pm	H-Reunion F
204 F	Concrete	3/1	10:00 11:00	II M 1: - #200
304-F	Measuring/Mixing-Volumetric	Mon	10:00 am – 11:30 am	H-Magnolia #388
305	Hot Weather Concreting	Sun	3:00 pm – 5:00 pm	H-Gaston A&B
306	Cold Weather Concreting	Tue	8:30 am – 11:30 am	H-Reverchon A&B
307	Concrete Chimneys	Mon	1:00 pm – 4:00 pm	H-Kessler
308	Curing Concrete	Wed	10:00 am – 1:00 pm	H-Cumberland K (HYBRID)
308-A	Curing-Guide	Wed	8:00 am – 10:00 am	H-Cumberland K (HYBRID)
308-C	Guide on Internal Curing of Concrete	Tue	4:00 pm – 5:30 pm	H-Pryor-Crockett
309	Consolidation of Concrete	Sun	3:00 pm – 5:00 pm	H-Cumberland H
310	Decorative Concrete (Joint ACI-ASCC)	Tue	3:00 pm – 5:00 pm	H-Cumberland J (HYBRID)
310-J	Polished Finishes	Tue	10:00 am – 12:00 pm	H-Cumberland E&F
311	Inspection of Concrete	Tue	2:30 pm – 4:30 pm	H-McMillan
313	Concrete Bins and Silos	Mon	8:30 am – 12:00 pm	H-Cumberland I (HYBRID)
314	Simplified Design of Concrete Buildings	Sun	8:30 am – 10:30 am	H-Shawnee Trail A&B #362
315	Details of Concrete Reinforcement (Joint ACI-CRSI)	Sun	3:00 pm – 5:45 pm	H-Pryor-Crockett
318	Structural Concrete Building Code	Wed	8:00 am – 6:00 pm	H-Reunion G&H
318-A	General, Concrete, and Construction	Tue	1:30 pm – 6:00 pm	H-Shawnee Trail A&B #362
318-B	Anchorage and Reinforcement	Mon	2:30 pm – 4:30 pm	H-Cumberland E&F
318-B	Anchorage and Reinforcement	Tue	8:00 am – 12:30 pm	H-Gaston A&B
318-C	Safety, Serviceability, and Analysis	Tue	8:00 am – 12:30 pm	H-Cumberland I (HYBRID)
318-D	Members	Tue	1:30 pm – 6:00 pm	H-Cumberland C
318-E	Section and Member Strength	Tue	7:30 am – 12:30 pm	H-Cumberland J (HYBRID)
318-F	Foundations	Tue	8:00 am – 12:30 pm	H-Cockrell
318-H	Seismic Provisions	Tue	1:30 pm – 6:00 pm	H-Bryan-Beeman B
318-J	Joints and Connections	Tue	1:30 pm – 6:00 pm	H-Sanger A&B
318-L	International Liaison	Sun	12:30 pm – 2:00 pm	H-Cumberland E&F
318-2N	Sustainability	Mon	9:30 am – 1:00 pm	H-Moreno B
318-1P	Precast and Prestressed Concrete	Tue	1:30 pm – 6:00 pm	H-Windsor
318-1R	Resolution of Anchorage and Development Provisions	Sun	12:00 pm – 3:00 pm	H-Dallas Belt #355
318-S	Spanish Translation	Mon	11:00 am – 12:30 pm	H-Cumberland H
318-T	Post-Tensioned Concrete	Tue	8:00 am – 11:30 am	H-Windsor
318-1W	Wind Provisions	Mon	1:30 pm – 5:30 pm	H-Dallas Belt #355
319	Precast Structural Concrete Code (Joint ACI-PCI)	Mon	2:00 pm – 6:00 pm	H-Cumberland J (HYBRID)
320	Post-Tensioned Structural Concrete Code (Joint ACI-PTI)	Sun	2:00 pm – 5:45 pm	H-Reverchon A
321	Concrete Durability Code	Wed	1:00 pm – 4:00 pm	H-Cumberland L (HYBRID)
321-TG2	Durability Planning	Wed	10:00 am – 12:00 pm	H-Cumberland I (HYBRID)
321-TG5	Maintenance	Wed	12:00 pm – 2:00 pm	H-Cumberland I (HYBRID)
322	Concrete Pool and Watershape Code	Sun	8:00 am – 10:00 am	H-Landmark D
322	Concrete Pool and Watershape Code	Sun	2:00 pm – 5:00 pm	H-Cumberland B
325	Concrete Pavements	Tue	2:00 pm – 5:00 pm	H-Reverchon A&B
325-C	Pavements-Prestressed and Precast	Tue	1:00 pm – 2:00 pm	H-Cumberland I (HYBRID)
325-F	Concrete Pavement Overlays	Tue	10:00 am – 11:00 am	H-Bryan-Beeman A
327	Roller-Compacted Concrete Pavements	Tue	11:00 am – 1:00 pm	H-Reunion F
329	Performance Criteria for Ready Mixed Concrete	Wed	10:00 am – 11:00 am	H-Cumberland G (HYBRID)
330	Concrete Parking Lots and Site Paving	Wed	8:00 am – 12:00 pm	H-Cumberland E&F
330	Concrete 1 arking Dots and one Laving	wea	0.00 am - 12.00 pm	11 Cumperiana Lar

## Numeric

#### **Numerical Committee Meeting Listing**

For detailed program information and program changes, download the Convention App.

H = Hyatt Regency Dallas; U = Union Station

Code	Committee	Day	Time	Room Name
332	Residential Concrete Work	Tue	1:30 pm – 5:00 pm	H-Moreno A&B
332-B	Residential Concrete Materials and Placement	Tue	11:00 am – 12:30 pm	H-Cumberland B
332-D	Residential Concrete-Footings & Foundation Walls	Tue	12:00 pm – 1:30 pm	H-Cumberland K (HYBRID)
332-E	Residential Concrete-Above Grade Walls	Tue	10:00 am – 12:00 pm	H-McMillan
332-F	Residential Concrete-Slabs	Tue	10:00 am – 11:30 am	H-Pryor-Crockett
334	Concrete Shell Design and Construction (Joint ACI-ASCE)	Mon	5:00 pm – 7:00 pm	H-Cumberland G (HYBRID)
335	Composite and Hybrid Structures (Joint ACI-ASCE)	Sun	9:00 am – 10:00 am	H-Dallas Belt #355
336	Footings, Mats, and Drilled Piers	Sun	1:00 pm – 4:00 pm	H-Cumberland G (HYBRID)
341	Earthquake-Resistant Concrete Bridges	Sun	1:00 pm – 5:00 pm	H-Reunion H
341-A	Earthquake-Resistant Bridges-Columns	Sun	10:00 am – 11:30 am	H-Cumberland C
341-C	Earthquake-Resistant Bridges-Retrofit	Sun	11:00 am – 12:30 pm	H-Moreno B
341-D	Earthquake-Resistant Bridges-Performance-Based Seismic Design	Sun	10:30 am – 12:00 pm	H-Moreno A
342	Evaluation of Concrete Bridges and Bridge Elements	Sun	8:30 am – 10:30 am	H-Moreno A
343	Concrete Bridge Design (Joint ACI-ASCE)	Mon	10:00 am – 12:00 pm	H-Moreno A
343-B	Bridge Deck Design	Mon	9:00 am – 10:00 am	H-Aerial Queen #353
343-D	Loads	Mon	12:00 pm – 1:00 pm	H-Baker
345	Bridge Construction and Preservation	Sun	1:30 pm – 3:30 pm	H-McMillan
347	Formwork for Concrete	Sat	2:00 pm – 6:00 pm	H-Cumberland I
347	Formwork for Concrete	Sun	8:00 am – 12:00 pm	H-Reunion G
347-TG1	Void Form Methods Task Group	Sun	12:00 pm – 2:00 pm	H-Reverchon B
348	Structural Reliability and Safety	Mon	1:30 pm – 3:00 pm	H-Moreno B
349	Concrete Nuclear Structures	Tue	1:30 pm – 6:00 pm	H-Reunion F
349-A	Nuclear Structures-Materials	Mon	1:00 pm – 4:30 pm	H-Reunion F
349-B	Nuclear Structures-Design	Mon	1:00 pm – 4:30 pm	H-Reunion F
349-C	Nuclear Structures-Anchorage	Mon	7:00 am – 10:00 am	U-Frisco A
349/359/ 370	ACI 349 and ACI 359 and ACI 370 Joint Committee Task Group	Tue	10:00 am – 12:00 pm	H-Cumberland C
350	Environmental Engineering Concrete Structures	Wed	8:00 am – 12:00 pm	H-Sanger A&B
350	Environmental Engineering Concrete Structures	Wed	1:00 pm – 5:00 pm	H-Sanger A&B
350-D	Design Considerations	Sun	1:30 pm – 5:30 pm	H-Cockrell
350-G	Tightness Testing	Mon	8:00 am – 12:00 pm	H-Mercantile #396
350-Н	Editorial	Tue	12:30 pm – 2:00 pm	H-Aerial Queen #353
350-J	Education	Tue	4:00 pm – 5:30 pm	H-Kessler
350-K	Containment of Hazardous Materials	Mon	8:00 am – 12:00 pm	H-Mercantile #396
350-L	Specification	Tue	5:00 pm – 7:00 pm	H-Cumberland K (HYBRID)
350-SC	Steering	Sun	8:30 am – 10:00 am	H-Aerial Queen #353
350C	Environmental Engineering Concrete Structure Code	Wed	8:00 am – 12:00 pm	H-Sanger A&B
350C	Environmental Engineering Concrete Structure Code	Wed	1:00 pm – 5:00 pm	H-Sanger A&B
350C-A	Safety, Strength & Serviceability	Mon	1:30 pm – 5:00 pm	H-Reverchon B
350C-B	Members, Joints & Anchors	Sun	10:00 am – 1:00 pm	H-Reverchon A
350C-C	Materials and Durability	Mon	8:30 am – 12:00 pm	H-Cumberland C
350C-D	Code Editorial	Tue	12:30 pm – 2:00 pm	H-Aerial Queen #353
350C-E	Precast-Prestress	Tue	8:30 am – 12:00 pm	U-Texas & Pacific Room
350C-F	Seismic	Tue	1:00 pm – 4:00 pm	H-Cumberland G (HYBRID)
351	Foundations for Equipment and Machinery	Tue	11:30 am – 1:00 pm	H-Cumberland G (HYBRID)
351-A	Foundations for Static Equipment	Tue	10:00 am – 11:30 am	H-Cumberland K (HYBRID)

#### **Numerical Committee Meeting Listing**

For detailed program information and program changes, download the Convention App.

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Code	Committee	Day	Time	Room Name
351-B	Grouting between Foundations & Equipment Bases	Tue	8:00 am – 10:00 am	H-Kessler
351-C	Equipment Foundations-Dynamic Foundations	Mon	4:30 pm – 6:30 pm	H-Cumberland H
352	Joints and Connections in Monolithic Concrete	Sun	2:00 pm – 5:00 pm	H-Cumberland J (HYBRID)
002	Structures (Joint ACI-ASCE)	Jun	2.00 pm 5.00 pm	ii cumscriana j (iii biib)
352-TG1	Slab-Column Joints & Connections	Mon	12:00 pm – 1:30 pm	H-Cockrell
352-TG2	Beam-Column Joints & Connections	Mon	1:30 pm – 3:00 pm	H-Bryan-Beeman A
355-TG4	Crack Movement Test Task Group	Tue	1:00 pm – 3:00 pm	H-Cockrell
357	Offshore and Marine Concrete Structures	Tue	8:00 am – 11:00 am	H-Cumberland G (HYBRID)
357-TG2	ACI 357.2R-10 Revision	Mon	1:00 pm – 2:00 pm	H-Moreno A
359	Concrete Containments for Nuclear Reactors (Joint ACI-ASME)	Wed	9:00 am – 12:00 pm	H-Cumberland B
359	Concrete Containments for Nuclear Reactors (Joint ACI-ASME)	Wed	12:00 pm – 1:00 pm	H-Cumberland B
359-A	Working Group on Design	Tue	7:30 am – 11:00 am	H-Baker
359-В	Working Group on Materials, Fabrication & Examination	Tue	7:30 am – 11:00 am	H-Baker
359-C	Working Group on Modernization	Wed	7:00 am – 9:00 am	H-Cumberland B
360	Design of Slabs-on-Ground	Mon	2:00 pm – 6:00 pm	H-Landmark C
362	Parking Structures	Mon	12:30 pm – 4:30 pm	H-Gaston A&B
362-A	Updating Guide for Structural Maintenance of Parking Structures	Sun	1:00 pm – 4:00 pm	H-Moreno B
363	High-Strength Concrete	Sun	2:30 pm – 5:00 pm	H-Cumberland E&F
364	Rehabilitation	Mon	3:00 pm – 6:00 pm	U-Texas & Pacific Room
364-A	Editorial Subcommittee	Mon	1:00 pm – 2:30 pm	H-Cumberland E&F
364-B	Intercommittee Review	Mon	1:00 pm – 2:30 pm	H-Cumberland E&F
364-TG2	Guide to Rehabilitation of Historic Concrete	Mon	11:00 am – 12:00 pm	H-Baker
365	Service Life Prediction	Mon	9:00 am – 12:00 pm	U-Texas & Pacific Room
369	Seismic Repair and Rehabilitation	Mon	2:00 pm – 6:00 pm	H-Cumberland I (HYBRID)
369-A	General Provision	Sun	10:00 am – 12:00 pm	H-Cumberland H
369-C	Frames	Sun	1:00 pm – 3:00 pm	H-Pryor-Crockett
369-D	Walls	Sun	10:00 am – 12:00 pm	H-Dallas Belt #355
369-E	Diaphragms and Foundations	Sun	3:00 pm – 5:00 pm	H-The Central #357
369-F	Retrofit	Sun	2:00 pm – 5:00 pm	H-Bryan-Beeman A
370	Blast and Impact Load Effects	Sun	3:00 pm – 5:00 pm	H-Reunion G
370-TG2	Reauthorization of 370 Primary Document Task Group	Sun	10:00 am – 12:00 pm	H-Landmark C
371	Elevated Tanks with Concrete Pedestals	Mon	3:00 pm – 5:00 pm	H-Baker
372	Tanks Wrapped with Wire or Strand	Tue	3:00 pm – 5:00 pm	H-Cumberland K (HYBRID)
374	Performance-Based Seismic Design of Concrete Buildings	Mon	8:30 am – 12:00 pm	U-Frisco B&C
374-A	Functional Recovery	Sun	3:30 pm – 5:30 pm	H-Shawnee Trail A&B #362
374-B	Guide to Nonlinear Modeling	Sun	12:00 pm – 1:00 pm	H-Cumberland G (HYBRID)
375	Performance-Based Design of Concrete Buildings for Wind Loads	Mon	10:30 am – 12:30 pm	H-Pryor-Crockett
376	Concrete Structures for Refrigerated Liquefied Gas Containment	Sun	9:00 am – 4:00 pm	H-Cumberland I (HYBRID)
377	Performance-Based Structural Integrity & Resilience of Concrete Structures	Mon	10:00 am – 12:30 pm	H-Aerial Queen #353
378	Concrete Wind Turbine Towers	Mon	8:30 am – 10:00 am	H-The Central #357
380	Structural Plain Concrete	Sun	1:00 pm – 3:00 pm	H-Landmark D

## Numeric

#### **Numerical Committee Meeting Listing**

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Code	Committee	Day	Time	Room Name
408	Bond and Development of Steel Reinforcement (Joint ACI-ASCE)	Sun	8:30 am – 11:30 am	H-Cumberland L (HYBRID)
408-A	Mechanical Reinforcing Bar Anchorages and Splices	Sun	1:30 pm – 3:30 pm	H-Moreno A
423	Prestressed Concrete (Joint ACI-ASCE)	Mon	8:30 am – 12:30 pm	H-Cumberland K (HYBRID)
435	Deflection of Concrete Building Structures	Mon	3:00 pm – 6:00 pm	H-Moreno B
437	Strength Evaluation of Existing Concrete Structures	Mon	10:30 am – 12:30 pm	H-Reverchon A
437-A	Test Database	Mon	8:30 am – 10:00 am	H-Kessler
439	Steel Reinforcement	Mon	8:30 am – 10:30 am	H-Gaston A&B
439-A	Steel Reinforcement-Wire	Sun	3:30 pm – 5:00 pm	H-Moreno A
440	Fiber-Reinforced Polymer Reinforcement	Tue	9:00 am – 12:00 pm	H-Landmark D
440-D	Research Development and Applications	Mon	10:00 am – 12:00 pm	H-Pegasus Ballroom
440-E	FRP-Prof Education	Mon	8:00 am – 10:00 am	H-Pegasus Ballroom
440-Г	FRP-Repair-Strengthening	Mon	1:00 pm – 4:00 pm	H-Pegasus Ballroom
440-G	FRP-Student	Mon	4:00 pm – 5:00 pm	U-Frisco B&C
440-H	FRP-Reinforced Concrete	Mon	8:00 am – 10:00 am	H-Pegasus Ballroom
440-I	FRP-Prestressed Concrete	Sun	10:30 am – 12:00 pm	H-Sanger A&B
440-J	FRP-Stay-in-Place Forms	Sun	1:00 pm – 2:30 pm	H-Cumberland L (HYBRID)
440-L	FRP-Durability	Sun	12:00 pm – 1:00 pm	H-Reunion H
440S	Fiber-Reinforced Polymer Repair and Rehabilitation of Concrete Code	Tue	1:00 pm – 4:00 pm	H-Cumberland H
441	Reinforced Concrete Columns (Joint ACI-ASCE)	Mon	2:30 pm – 5:00 pm	H-Bryan-Beeman B
444	Structural Health Monitoring	Tue	8:00 am – 11:00 am	H-Cumberland L (HYBRID)
445	Shear and Torsion (Joint ACI-ASCE)	Mon	2:00 pm – 6:00 pm	H-Cumberland L (HYBRID)
445-A	Shear & Torsion-Strut & Tie	Sun	10:00 am – 12:00 pm	H-Cumberland G (HYBRID)
445-B	Shear & Torsion-Seismic Shear	Sun	11:00 am – 12:30 pm	H-McMillan
445-C	Shear & Torsion-Punching Shear	Sun	1:00 pm – 3:00 pm	H-Baker
445-TG1	Shear & Torsion-445.3r-23 Task Group	Mon	8:00 am – 11:00 am	H-Cumberland G (HYBRID)
446	Fracture Mechanics of Concrete (Joint ACI-ASCE)	Mon	8:30 am – 10:00 am	H-Baker
447	Finite Element Analysis of Reinforced Concrete Structures (Joint ACI-ASCE)	Mon	11:30 am – 1:30 pm	H-Reverchon B
506	Shotcreting	Tue	8:30 am – 11:30 am	H-Bryan-Beeman B
506-A	Shotcreting-Evaluation	Mon	1:00 pm – 3:00 pm	U-Texas & Pacific Room
506-B	Shotcreting-Fiber-Reinforced	Mon	10:30 am – 12:00 pm	H-Sanger A&B
506-C	Shotcreting-Guide	Mon	8:00 am – 10:00 am	H-Dallas Belt #355
506-E	Shotcreting-Specifications	Mon	8:00 am – 10:00 am	H-Dallas Belt #355
506-F	Shotcreting-Underground	Mon	2:00 pm – 3:30 pm	H-Moreno A
506-Н	Shotcreting-Pools	Sun	1:00 pm – 2:00 pm	H-Cumberland K (HYBRID)
515	Protective Systems for Concrete	Tue	9:00 am – 11:00 am	U-Frisco A
522	Pervious Concrete	Tue	8:00 am – 11:00 am	H-Landmark C
523	Cellular Concrete	Tue	9:00 am – 11:00 am	H-Sanger A&B
524	Plastering	Mon	8:30 am – 10:00 am	H-Cumberland B
533	Precast Panels	Mon	10:00 am – 11:30 am	H-The Central #357
543	Concrete Piles	Mon	8:30 am – 11:30 am	H-Bryan-Beeman A
544	Fiber-Reinforced Concrete	Tue	3:00 pm – 5:30 pm	H-Landmark D
544-A	FRC-Production & Applications	Mon	12:30 pm – 2:00 pm	H-Cumberland J (HYBRID)
544-B	FRC-Education	Sun	4:00 pm – 5:30 pm	H-Cumberland K (HYBRID)
544-C	FRC-Testing	Tue	2:00 pm – 3:00 pm	H-Cumberland K (HYBRID)
544-D	FRC-Structural Uses	Tue	12:00 pm – 1:30 pm	U-Texas & Pacific Room

#### **Numerical Committee Meeting Listing**

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Code	Committee	Day	Time	Room Name
544-E	FRC-Emerging Technologies	Mon	4:00 pm – 5:30 pm	H-Shawnee Trail A&B #362
544-F	FRC-Durability	Tue	10:30 am – 12:00 pm	U-Frisco B&C
544-SC	FRC-Steering Committee	Mon	9:00 am – 10:00 am	H-Moreno A
546	Repair of Concrete	Mon	9:00 am – 11:30 am	H-Reunion F
546-B	Repair-Material Selection Guide	Sun	10:00 am – 12:00 pm	H-Bryan-Beeman A
546-C	Repair-Guide	Sun	9:00 am – 10:00 am	H-Reverchon A
548	Polymers and Adhesives for Concrete	Tue	8:30 am – 11:30 am	H-Aerial Queen #353
548-A	Polymers-Overlays	Mon	10:00 am – 12:00 pm	H-Kessler
548-B	Polymers-Adhesives	Mon	3:00 pm – 5:00 pm	H-Bryan-Beeman A
548-TG1	Updating Guide for the Use of Polymers in Concrete	Mon	11:00 am – 1:00 pm	H-McMillan
549	Thin Reinforced Cementitious Products and Ferrocement	Sun	10:00 am – 12:00 pm	H-Cumberland E&F
549-K	FRCM/SRG Materials Characteristics	Sun	8:00 am – 10:00 am	H-Cumberland E&F
550	Precast Concrete Structures (Joint ACI-ASCE)	Sun	3:00 pm – 5:00 pm	H-Cumberland L (HYBRID)
551	Tilt-Up Concrete Construction	Sun	9:00 am – 12:00 pm	H-Reunion H
552	Cementitious Grouting	Tue	4:00 pm – 5:30 pm	H-Cumberland I (HYBRID)
555	Concrete with Recycled Materials	Mon	5:00 pm – 6:30 pm	U-Frisco B&C
555-B	Development of New Technical Report on Removal of Hardened Concrete	Mon	2:30 pm – 3:30 pm	H-Cumberland C
560	Design and Construction with Insulating Concrete Forms	Tue	8:30 am – 10:30 am	U-Frisco B&C
562	Evaluation, Repair, and Rehabilitation of Concrete Structures	Sun	1:00 pm – 5:00 pm	H-Sanger A&B
562-A	Administration	Sun	10:00 am – 12:00 pm	H-Windsor
562-B	Loads	Sat	1:00 pm – 3:00 pm	H-Cumberland K
562-C	Reliability-Based Evaluation	Sat	3:00 pm – 5:00 pm	H-Cumberland K
562-E	Seismic	Sun	8:00 am – 9:00 am	H-Cumberland I (HYBRID)
562-F	Fire	Sat	2:00 pm – 4:00 pm	H-Cumberland L
562-G	Repair Design	Sun	8:00 am – 10:00 am	H-Landmark C
562-I	Durability	Sun	9:00 am – 10:00 am	H-Cumberland C
562-J	Material	Sun	11:00 am – 1:00 pm	H-Kessler
562-L	Quality Requirements	Sun	11:30 am – 1:00 pm	H-Cumberland L (HYBRID)
562-SC	Steering Committee	Sun	5:00 pm – 5:45 pm	H-Sanger A&B
563	Specifications for Repair of Structural Concrete in Buildings	Tue	1:00 pm – 5:00 pm	H-Reunion G&H
563-Н	Architectural/Precast Concrete	Tue	11:00 am – 12:00 pm	H-Dallas Belt #355
563-K	External Reinforcement	Tue	9:00 am – 10:30 am	H-Dallas Belt #355
563-L	Prestressed Concrete	Sun	3:00 pm – 5:00 pm	H-Magnolia #388
563-M	Polymer Concrete/Overlays	Sun	3:30 pm – 5:30 pm	H-Kessler
563-P	Corrosion	Sun	10:00 am – 12:00 pm	H-Praetorian #385
563-Q	Repair of Post Tensioned Concrete	Sun	10:00 am – 12:00 pm	H-Cockrell
564	3-D Printing with Cementitious Materials	Mon	1:00 pm – 4:00 pm	H-Shawnee Trail A&B #362
564-B	Structural Design and Testing	Sun	4:00 pm – 5:45 pm	H-Moreno B

#### **Session PDH Tracker**

For detailed information on sessions (descriptions, presentations, speakers, etc.), please see the convention app or ACI website.

Attend the entire duration of a live session and record the codes given out during the session using the spaces below. In most cases, one contact hour is equal to one Professional Development Hour (PDH). Check with your state Board for acceptance criteria. **Please note:** ACI does not track and cannot provide documentation confirming attendee participation or attendance at any ACI session held during the convention.

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Day	Time	Session Title	PDH Code 1	PDH Code 2	PDH Code 3

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