



CONVENTION PREVIEW

THE WORLD'S GATHERING PLACE
FOR ADVANCING CONCRETE

APRIL 2-6, 2023

Hilton San Francisco Union Square,
San Francisco, CA, USA

For more information, please visit aciconvention.org.



About the ACI Concrete Convention

The ACI Concrete Convention is the world's gathering place for advancing concrete materials, design, construction, and repair, bringing together the world's most well-known leaders with professionals looking to learn. Conventions provide a forum for networking and education and an opportunity to provide input on the concrete industry's codes, specifications, and guides.

Committees meet to develop the standards, reports, and other documents necessary to keep up with the ever-changing world of concrete technology. Committee meetings are open to all registered convention attendees.

Technical and educational sessions provide attendees with the latest research, case studies, best practices, and the opportunity to earn Professional Development Hours (PDHs).

Additionally, the Convention offers numerous networking events where you can expect to meet with many of the industry's top engineers, architects, contractors, educators, manufacturers, and material representatives from around the world.

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Saturday, April 1, 2023

8:00 am – 9:00 pm	Committee Meetings
2:00 pm – 6:00 pm	ACI Registration, ACI Cyber Café & Meeting Spot, and ACI Store

Sunday, April 2, 2023

7:00 am – 5:30 pm	Committee Meetings
7:30 am – 5:00 pm	ACI Registration
8:00 am – 9:00 am	Convention Orientation Breakfast
8:00 am – 10:00 am	Sessions
8:00 am – 5:00 pm	Exhibits, ACI Cyber Café & Meeting Spot, and ACI Store
8:30 am – 3:30 pm	Student Fiber-Reinforced Concrete Bowling Ball Competition
9:30 am – 11:00 am	ACI International Forum
10:30 am – 12:30 pm	Sessions
11:30 am – 1:30 pm	✓International Lunch—Speaker: Yuji Isshiki
1:00 pm – 3:00 pm	Sessions
1:30 pm – 3:30 pm	International Session
3:30 pm – 5:30 pm	Sessions
4:00 pm – 5:00 pm	ACI Student Forum
5:45 pm – 7:00 pm	Opening Session
7:00 pm – 8:00 pm	Opening Reception
8:00 pm – 10:00 pm	Hot Topic Session
8:30 pm – 10:00 pm	Student and Young Professionals Networking Event

Monday, April 3, 2023

6:30 am – 8:00 am	Workshop for Technical Committee Chairs (<i>by invitation only</i>)
7:00 am – 8:30 am	Speaker Development Breakfast
7:00 am – 7:00 pm	Committee Meetings
7:30 am – 5:00 pm	ACI Registration
8:00 am – 5:00 pm	Exhibits, ACI Cyber Café & Meeting Spot, and ACI Store
8:30 am – 10:30 am	Sessions
10:30 am – 11:30 am	Student Awards Program
11:00 am – 1:00 pm	Sessions
1:30 pm – 3:30 pm	Sessions
4:00 pm – 6:00 pm	Sessions
5:00 pm – 6:00 pm	Women in ACI Reception
6:00 pm – 8:30 pm	✓Retirement Celebration in Honor of Ronald G. Burg
6:30 pm – 8:30 pm	123 Forum

Tuesday, April 4, 2023

7:00 am – 6:00 pm	Committee Meetings
7:30 am – 5:00 pm	ACI Registration
8:00 am – 5:00 pm	Exhibits, ACI Cyber Café and Meeting Spot, and ACI Store
8:30 am – 10:30 am	Sessions
11:00 am – 1:00 pm	Sessions
11:30 am – 1:30 pm	✓NEU Carbon Neutral Concrete Specialty Day Lunch—Speakers: R. Doug Hooton & Representatives from the Industry
1:30 pm – 3:30 pm	Sessions
4:00 pm – 6:00 pm	Sessions
5:30 pm – 6:30 pm	Faculty Network Reception
6:00 pm – 8:30 pm	Concrete Mixer

Wednesday, April 5, 2023

8:00 am – 12:00 pm	ACI Registration, ACI Cyber Café & Meeting Spot, and ACI Store
8:30 am – 10:30 am	Sessions
8:00 am – 6:00 pm	Committee Meetings
11:00 am – 1:00 pm	Sessions
6:30 pm – 8:00 pm	President's Reception

Thursday, April 6, 2023

8:00 am – 12:00 pm	Board of Direction Meeting
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CEU/PDH Tracking for Sessions

To earn CEUs/PDHs during a participating session or mini session, record the codes given out during the live session and submit it online to receive a certificate. In most cases, one contact hour is equal to one Professional Development Hour (PDH). Check with your state board for acceptance criteria.

Note: On-demand sessions are recordings of in-person sessions and are not eligible for CEU credit.

Photographing, audio-recording, and videotaping of the speaker or presentation is strictly prohibited without the speakers' prior written consent.

✓= Separate fee required. All listings and pricing are subject to change.

Green text indicates content that will be available on-demand within 24 to 48 hours of the live event taking place.

Sunday, April 2, 2023

Student Fiber-Reinforced Concrete Bowling Ball Competition

8:30 am – 3:30 pm

Sponsored by ForneyVault



Students will eagerly form and construct fiber-reinforced bowling balls, hoping that they don't strike out in competition against their peers. All will enjoy seeing the students knock down pins with their concrete bowling balls prior to loading them within an inch of failure. Student teams from around the world will be testing their mettle not only against each other but also against themselves, having predicted their performance in each evaluation category weeks before the competition. Testing will be performed in groups



throughout the day, so be sure to swing by and join in the excitement. For more information on the competition and how to register, please visit www.concrete.org/students/studentcompetitions.

✓ International Lunch

11:30 am – 1:30 pm

\$50 U.S. per person



Speaker: Yuji Isshiki

Title: Design and Construction of Building Using Wall-Column and Seismic Response Control System

Design and construction of a 10-story office building using wall-columns and seismic response

control system are to be reported. This office building shown below is located in Fukuoka city, which was designed in 2020 by Taisei Corporation and the construction has been completed since August 2022. A new seismic response control system was installed in this building. Wall-

columns and dampers are arranged in the core of the building intensively and perimeter RC frames are arranged. The dampers using low-yield steel (steel damper) absorb the seismic energy and minimize the damage to the main frame structure. Furthermore, a monitoring system of damage to the dampers is incorporated for the post-earthquake quick inspection. If necessary, the damaged dampers could be replaced for continuous occupancy.

The seismic behavior of the building was confirmed with non-linear static analyses and non-linear dynamic analyses. The lateral load-carrying capacity of the building was set to be 1.25 times larger than the minimum requirement of Building standard law. The effect of the response control system was confirmed by the dynamic analyses using several seismic waves.

Opening Session

5:45 pm – 7:00 pm

The Opening Session is the official start to the Convention and will begin with a welcome address by ACI President Charles Nmai. Next, the emcee for the night will recognize new Honorary Members, Fellows, and 50-Year Members for their contributions to the concrete industry. For information on the Opening Session, please visit www.aciconvention.org.

Opening Reception and Awards Recognition

Approx. 7:00 pm

Immediately following the Opening Session, attendees are invited to the exhibit hall for this evening reception. Congratulate ACI Awardees, reunite with colleagues, network with new acquaintances, and learn about the products and services offered by the exhibitors. A cash bar and light refreshments will be available.

Student and Young Professionals Networking Event

8:30 pm – 10:00 pm

The Student and Young Professionals Activities Committee (SYPAC) invites all students, young professionals, and convention mentors to a casual networking exchange following the Opening Reception. Attendees will establish connections with fellow young members. Prizes will be awarded during icebreaker activities.

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Monday, April 3, 2023

Student Awards Program

10:30 am – 11:30 am

Sponsored by Baker Concrete Construction, Inc.



Speaker: Anahid Behrouzi

Title: Celebrating the Faces Behind the Concrete Code

Do you remember mixing concrete, making cylinders, and using the ASTM procedure to find the splitting tensile capacity? What about using ACI 318 to find the shear capacity of a beam you were designing? These codes were all written so long ago by the giants in the concrete field, nothing has changed over the years, right? This could not be further from the truth! The reality is that there is a diverse group of students, academics, and industry members from all over the world working to move our field forward – to reflect on building failures we did not expect, to integrate high performance materials and methods that have just come to the fore. The lunchtime presenter will share with you some of the dynamic stories of people behind the code and celebrate their process of creating change. The next time you open your codes you will see beyond the equations and think of them – plus your own opportunity to make your mark on the future of concrete. The codes are a living document, and all of us together, are its authors!

All are welcome to the student awards program. Preregistration is not required to attend. Following the lecture, the results of the student competition will be announced. For additional information on the ACI Competitions, please visit www.concrete.org/students/studentcompetitions.

✓ Retirement Celebration in Honor of Ronald G. Burg

6:00 pm – 8:30 pm

\$80 U.S. per person



Join other ACI friends and colleagues for a celebration reception in honor of Ronald G. (Ron) Burg's retirement from ACI. Please join us in honoring Ron Burg's dedication to and retirement from ACI during this special event!

A hosted bar and hors d'oeuvres will be served. You must pre-register for this event to attend.

Tuesday, April 4, 2023

✓ NEU Carbon Neutral Concrete Specialty Day Lunch

11:30 am – 1:30 pm

\$55 U.S. per person

12:15 pm – 12:45 pm – Overcoming Barriers to Adoption of More Sustainable Concretes

Speaker: R. Doug Hooton

12:45 pm – 12:55 pm – Buildings as a Solution – A New Alternative to Carbon Capture

Speaker: Patrick McConnell

12:55 pm – 1:05 pm – Impact of UHPC to The Total Carbon Footprint of a Pre-Cast Bridge Installation

Speaker: Peter Weber

1:05 pm – 1:15 pm – Low Carbon Concrete Case Studies

Speaker: Mark Bury

For additional information on the Neutral Carbon Concrete Day Lunch, the speaker, and the topic, please visit www.aciconvention.org.

Faculty Network Reception

5:30 pm – 6:30 pm

Faculty members and graduate students are invited to attend this informal reception for an opportunity to exchange ideas and network. Light hors d'oeuvres and a cash bar will be available.

Concrete Mixer

6:00 pm – 8:30 pm

Join ACI attendees and guests for an evening of networking, entertainment, and great food during the Concrete Mixer, held at the Hilton San Francisco Union Square. An assortment of food and beverages will be available.

Wednesday, April 5, 2023

President's Reception

6:30 pm – 8:00 pm

ACI President Charles Nmai invites all convention attendees to the President's Reception, where you'll have the opportunity to network with committee Chairs, chapter Presidents, and international attendees. An assortment of food and a hosted bar will be available.

Photographing, audio-recording, and videotaping of the speaker or presentation is strictly prohibited without the speakers' prior written consent.

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Sponsorship investments help make the ACI Concrete Convention possible, providing a place for industry professionals to advance their knowledge of concrete.

ACI would like to thank the following organizations for their donations. (Listed as of 1/27/2023)

Concrete (\$15,000)



Cement (\$10,000)



Reinforcement (\$5,000)



Admixtures (\$2,500)



Aggregate (\$1,000)



Visit www.aciconvention.org for an updated list of sponsors and exhibiting sponsors.



Networking

The ACI Convention offers numerous networking events where you can expect to virtually meet with many of the industry's top engineers, architects, contractors, educators, manufacturers, and material representatives from around the world. Networking events include the Concrete Mixer, Women in ACI Reception, Student and Young Professionals Networking Event, President's Reception, and more.

ACI Store

Located at ACI Registration, the ACI Store features ACI merchandise and apparel. You can also order your ACI merchandise and apparel online at the ACI Store: <https://www.concrete.org/store.aspx>.



Cyber Café

Located in the Exhibit Hall, the Cyber Café is the perfect place for attendees to stay connected to work and home. Use the computers to browse the web, print on-demand, or catch up on email!

Daily Refreshments

Stop by the exhibit area in the morning and afternoon to enjoy a complimentary beverage break.

For more information on participating as a convention sponsor and/or exhibiting sponsor, please contact:

Kim Spillane

Sales-Business Development Coordinator
American Concrete Institute
Kim.Spillane@concrete.org
+1.248.848.3197





Official ACI Hotel

The Hilton San Francisco Union Square is the official headquarter hotel for the Convention. All convention events will take place at the Hilton San Francisco Union Square.

Hotel	Rate
Hilton San Francisco Union Square	\$275.00 USD + tax

Rates are based on single or double occupancy.

To reserve your sleeping room at the Hilton San Francisco Union Square, please visit <https://book.passkey.com/gt/218986178?gtid=c9d26dc055a05b02d8f37907b47aa8cc>.

Reservations can also be made over the phone by calling +1.888.446.6677 and referencing the group code: ACI.

Government Rooms

ACI has a small block of government-rate rooms at the Hilton San Francisco Union Square. To book a room, please visit www.aciconvention.org.

Reservation Cutoff

The Hilton San Francisco Union Square reservation cutoff is **Wednesday, March 8, 2023**. The convention rate is first-come, first-served, and based on availability. For additional information on hotel amenities and policies, please visit www.aciconvention.org.

Hotel contracts require ACI to be financially liable for unused sleeping rooms. The sleeping room rate covers the cost of meeting space and the labor to set up each meeting room. Staying at the convention hotel also provides you with the benefit of after-hours networking and easy accessibility to meetings and sessions. Please help ACI avoid unnecessary penalties and keep registration fees low by booking your sleeping room at the Hilton San Francisco Union Square.



Register before March 31, 2023, to take advantage of reduced registration fees!

How to Register

To register for the Convention, please visit the Convention website: www.aciconvention.org.

Registration Fees

ACI Concrete Convention in San Francisco, CA, USA

Registration Type	Through 3/31/23	After 3/31/23
Member (Full Week)	\$769 USD	\$869 USD
Nonmember (Full Week)	\$999 USD	\$1099 USD
Member (One Day)	\$389 USD	\$529 USD
Nonmember (One Day)	\$509 USD	\$669 USD
Student	\$20 USD	\$30 USD
Guest	\$100 USD	\$100 USD

Registration fees cover the cost of meeting room rental, audio-visual equipment, coffee breaks, cyber café and wireless hotspot equipment and fees, signs, preconvention and on-site materials, and registration staff.

On-Demand Technical Sessions only	Through 10/21/22	After 10/21/22
Member	\$119 USD	\$119 USD
Nonmember	\$209 USD	\$209 USD
Student	Free	Free

In-Person Convention Registration

In-person convention registration includes access to all committee meetings, sessions (live and on-demand), special events, and the exhibit hall.

On-Demand Technical Sessions Only Registration

Registration for On-Demand Technical Sessions Only includes access to on-demand technical sessions. Please note that committee meetings will not be available in a hybrid format.

Guest Registration

To register a guest, you must add the guest to the online attendee registration form. The guest registration fee includes Guest Hospitality Sunday through Wednesday and attendance at the Opening Reception, Concrete Mixer, and President's Reception. Guest Registration does NOT include attendance to any of the technical sessions or committee meetings. More information on guest activities can be found at www.aciconvention.org.

Student Registration

Attention Students! To qualify for the student rate, you must be a current ACI student member. All students who are not current members of ACI will need to apply for FREE student membership at www.concrete.org/Membership/StudentMembership. You cannot register as a student until your student membership has been processed. **Preregistration is strongly encouraged!**

Cancellation Policy

All cancellations must be submitted in writing to registrar@concrete.org. In-person registrations may receive a full refund through 2/19/23. After 2/19/23, there will be a \$100 service charge for attendee registrations and \$10 service charge for guest registrations. No refunds for in-person registration will be made after 3/31/23. There are no refunds for special event tickets after the registration has been processed. On-Demand Technical Session Only registrations may receive a full refund through 3/31/23. No refunds for On-Demand Technical Sessions Only registrations will be made after 3/31/23.

ALL-NEW Convention App & Event Platform

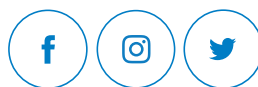
ACI is using Guidebook, an all-new mobile app and event platform for the ACI Concrete Convention. All attendees will use this platform (or the mobile version) to access on-demand content, create their personal schedules, get the latest program information, and more. You must be a registered convention attendee to access the Guidebook platform. Guidebook will be available in early March. Don't forget to delete the previous convention app (CrowdCompass) from your mobile device.

Stay Connected

ACI Online

www.aciconvention.org is now mobile-optimized, giving you access to the Meeting Schedule, My Schedule, Sessions, and Future Conventions from virtually anywhere.

ACI Social Media



Follow the ACI Concrete Convention on Facebook, Instagram, and Twitter with #aciconvention.