



**CONCRETE
CONVENTION**



THE WORLD'S GATHERING PLACE FOR ADVANCING CONCRETE

CONVENTION PREVIEW

MARCH 24-28, 2024

Hyatt Regency New Orleans, New Orleans, LA, 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 and 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, March 23, 2024

7:30 am – 6:00 pm	ACI Registration and ACI Cyber Café & Meeting Spot
8:00 am – 5:00 pm	✓13th International Workshop
8:00 am – 5:30 pm	FRPRCS-16 Symposium
8:00 am – 9:00 pm	Committee Meetings
12:00 pm – 1:30 pm	International Workshop Lunch
5:30 pm – 7:00 pm	International Workshop Reception
6:30 pm – 8:30 pm	✓FRPRCS-16 Symposium Reception & Poster Session

Sunday, March 24, 2024

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 – 3:00 pm	FRPRCS-16 Symposium
8:00 am – 5:00 pm	Exhibits and ACI Cyber Café & Meeting Spot
8:30 am – 3:30 pm	Student Mortar Workability 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: Oscar Ramirez
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, March 25, 2024

6:30 am – 8:00 am	Workshop for Technical Committee Chairs (by invitation only)
7:00 am – 8:30 am	Professional 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 and ACI Cyber Café & Meeting Spot
8:30 am – 10:30 am	Sessions

10:30 am – 11:30 am	Student Awards Program—Speaker: Andy Brown
11:00 am – 1:00 pm	Sessions
1:30 pm – 3:30 pm	Sessions
4:00 pm – 6:00 pm	Sessions
5:00 pm – 6:30 pm	Women in ACI Reception
5:30 pm – 7:00 pm	✓Professor Ken Hover Honorary Celebration
6:30 pm – 8:30 pm	123 Forum

Tuesday, March 26, 2024

7:00 am – 6:00 pm	Committee Meetings
7:30 am – 5:00 pm	ACI Registration
8:00 am – 5:00 pm	Exhibits and ACI Cyber Café & Meeting Spot
8:30 am – 10:30 am	Sessions
11:00 am – 1:00 pm	Sessions
11:30 am – 1:30 pm	Concrete Sustainability Day Lunch—Speaker from the National Renewable Energy Laboratory
1:30 pm – 3:30 pm	Sessions
4:00 pm – 6:00 pm	Sessions
5:30 pm – 6:30 pm	Faculty Network Reception
6:30 pm – 8:00 pm	Concrete Mixer

Wednesday, March 27, 2024

8:00 am – 12:00 pm	ACI Registration and ACI Cyber Café & Meeting Spot
8:00 am – 6:00 pm	Committee Meetings
8:30 am – 10:30 am	Sessions
1:30 pm – 5:30 pm	ACI Board of Direction Meeting
6:25 pm – 8:00 pm	President's Reception

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 them 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. Please note that on-demand session viewing is not eligible for Continuing Education Unit (CEU) credit.

Visit www.aciconvention.org for the latest Schedule of Events and updates.

Saturday, March 23, 2024

✓13th International Workshop

Workshop: 8:00 am – 5:15 pm

Reception: 5:30 pm – 7:00 pm

\$99 USD per person

The International Workshop on Structural Concrete is held every 18 to 24 months in conjunction with the Convention. The primary purpose of this workshop is to gather and share information on the development and application of concrete design standards throughout the Americas and beyond. Following the workshop, attendees are invited to network with colleagues at an evening reception. An assortment of food and beverages will be available. Registered guests of workshop attendees may join this reception for an additional fee of \$115.

FRPRCS-16 Symposium

Saturday: 8:00 am – 5:30 pm

Sunday: 8:00am – 3:00 pm

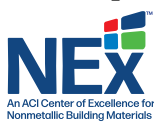
Sponsored by NEx: An ACI Center of Excellence for Nonmetallic Building Materials and FyfeFRP, LLC

This international symposium attracts interest from researchers, practitioners, and manufacturers involved in the use of fiber-reinforced polymers (FRPs) as reinforcement for concrete masonry structures. This includes the use of FRP reinforcement in new construction and FRP for strengthening and rehabilitation of existing structures. The papers will not only emphasize the experimental, analytical, and numerical validations of using FRP composites but will also be aimed at providing insights needed for improving existing guidelines. New frontiers of FRP research will be explored that provide information on emerging materials, systems, and applications for extreme events such as fire and earthquakes. The technical papers will also feature discussions on sustainability, novel applications, new technologies, and long-term field data that will result in greater acceptance and use of FRP composites technology by practitioners.

✓FRPRCS-16 Symposium Reception & Poster Session

6:30 pm – 8:30 pm

\$25 USD per person



Sponsored by NEx: An ACI Center of Excellence for Nonmetallic Building Materials

Join us after the first day of sessions for a cocktail reception. The reception will provide great networking opportunities with global leaders in the use of FRP for concrete and masonry structures. You can interact directly with speakers and gain valuable insight into the research and applications of FRP reinforcement and strengthening of structures.

Sunday, March 24, 2024

Student Mortar Workability Competition

8:30 am – 3:30 pm

Sponsored by ACI Committee S801, Student Competitions, and ACI Subcommittee 238-A, Student Workability

In this exciting competition, students will mix mortar at the Convention competition site and place it into a mold made in the shape of the letters aci from the top of the letter “a.” Flowability, mixture stability, and carbon neutrality will be evaluated. Results and cash prizes sponsored by NEU: An ACI Center of Excellence for Carbon Neutral Concrete, will be announced at the Student Awards Program on Monday, March 25. For more information on the competition and how to register, please visit www.concrete.org/students/studentcompetitions.aspx.

✓International Lunch

11:30 am – 1:30 pm

\$50 USD per person



Title: Performance-Based Design of BIOMA Tower

Speaker: Oscar Ramirez

Traditionally, design provisions in Panama follow a prescriptive design approach. REP-2021 (Panamanian Structural Design Provisions)

allows the use of performance-based procedures for the seismic design of buildings in the Republic of Panama. Such procedures provide greater flexibility to select the structural system that best fits the intended performance of a building. The BIOMA tower is a very slender (slenderness ratio $H/B = 18$) and tall (height $H = 800$ ft) reinforced concrete residential building, located in Costa del Este, Panama. This is a good example of a building for which a prescribed seismic force-resisting system, such as a moment frame or a dual system, is disqualified because of architectural and cost restraints. The structural system of BIOMA consists of a pair of core shear walls connected to some outer columns through a system of outriggers located at two preselected stories of the building. In this presentation, the lateral and vibration responses of the building under wind loading are validated by climate studies and wind tunnel testing performed at RWDI Canada. Also, a performance-based design approach, following the 2020 Los Angeles Tall Buildings Structural Design Council (LATBSDC) Guidelines and ACI 318-19, is used to explicitly evaluate the seismic performance of BIOMA.

Photographing, audio-recording, and videotaping of the speaker or presentation is strictly prohibited without the speakers' prior written consent. All listings and prices are subject to change. ✓ = Separate fee required.

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

Opening Session

5:45 pm – 7:00 pm

The Opening Session is the official start of the Convention and will begin with a welcome address by ACI President Antonio Nanni. 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

7:00 pm – 8:00 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 ACI Student and Young Professional 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.

Monday, March 25, 2024

Student Awards Program

10:30 am – 11:30 am



Sponsored by Baker
Concrete Construction, Inc.



Title: Public Speaking and Presentation Skills for the Introverted Engineer

Speaker: Andy Brown

This presentation will examine the challenges introverts often face when speaking in front of groups large and small. It will provide simple solutions for overcoming the fears of public speaking and practical steps for laying out presentations for the most effective way to communicate concepts and help your firm, utility, or clients.

✓ Professor Hover's Honorary Celebration

5:30 pm – 7:00 pm

\$75 USD per person



This honorary reception is to celebrate Professor Kenneth C. Hover's exceptional professional career and four decades of distinguished service to the field of concrete. Please plan to join the celebration and congratulate

Professor Hover on this momentous occasion.

For additional information, please visit

www.aciconvention.org.

Tuesday, March 26, 2024

✓ Concrete Sustainability Day Lunch

11:30 am – 1:30 pm

\$65 USD per person



Sponsored by the Natural
Resources Research Institute
(nrri.umn.edu)

Speaker from the National Renewable Energy Laboratory (nrel.gov)

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

Faculty Network Reception

5:00 pm – 6:00 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

6:30 pm – 8:00 pm

Join ACI attendees and guests for an evening of networking, entertainment, and great food during the Concrete Mixer, held at the Hyatt Regency New Orleans. An assortment of food and beverages will be available.

Wednesday, March 27, 2024

President's Reception

6:25 pm – 8:00 pm

Doors open: 6:25 pm – 6:30 pm

Awards Presentation: 6:30 pm – 6:45 pm

Reception: 6:45 pm – 8:00 pm

ACI President Antonio Nanni 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. All listings and prices are subject to change. ✓ = Separate fee required.

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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 1/11/2024)

Cement (\$10,000)



Reinforcement (\$5,000)



EUCLID CHEMICAL



Admixture (\$2,500)



Aggregate (\$1,000)

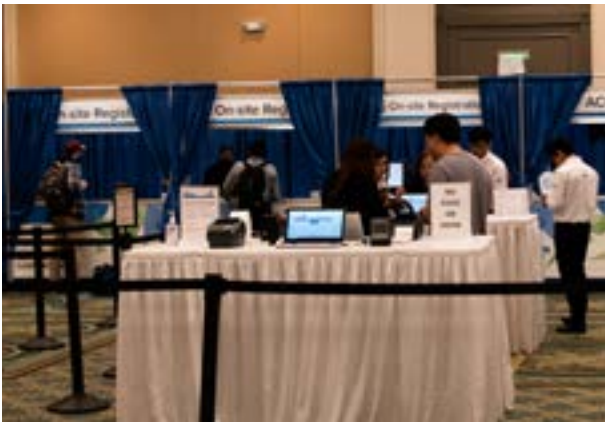


Water (\$500)

ACI Illinois Chapter
ACI Pittsburgh Area Chapter

SIM LIMS Engineers Company Limited

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



Networking

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. Networking events include the Concrete Mixer, Women in ACI Reception, Student and Young Professionals Networking Event, President's Reception, and more.

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!



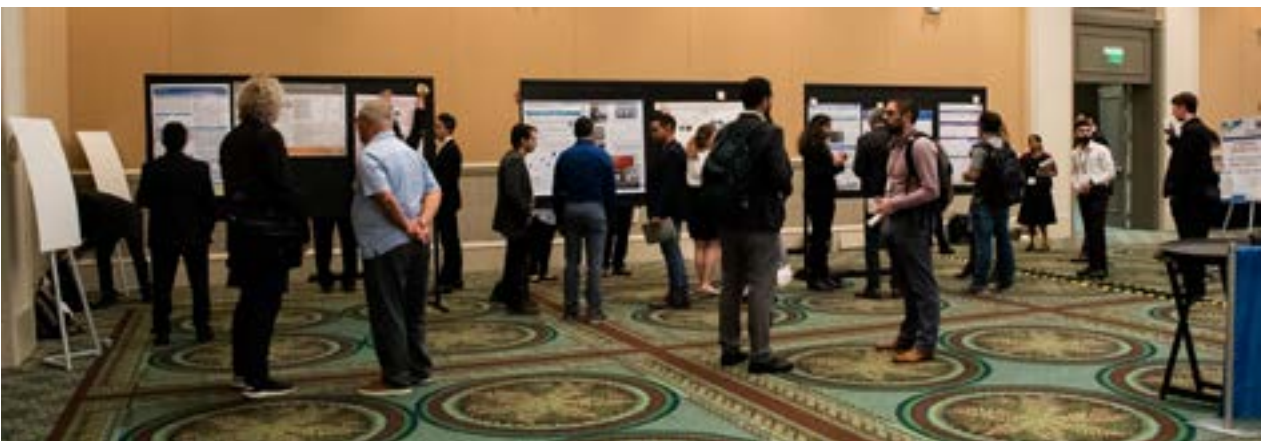
Daily Refreshments

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 Hyatt Regency New Orleans is the official hotel for the Convention.

All Convention events will take place at the Hyatt Regency New Orleans.

Hotel	Rate
Hyatt Regency New Orleans	\$262.00 + tax

**Rates are based on single or double occupancy.*

To reserve your sleeping room at the Hyatt Regency New Orleans, please visit <https://www.hyatt.com/en-US/group-booking/MSYRN/G-ACI4>.

Reservations can also be made over the phone by calling +1.504.561.1234 and referencing the group name: American Concrete Institute.

Government Rooms

ACI has a small block of government-rate rooms at the Hyatt Regency New Orleans. To book a room, please visit www.aciconvention.org.

Reservation Cutoff

The Hyatt Regency New Orleans reservation cutoff is **Wednesday, February 28, 2024**. 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 Hyatt Regency New Orleans.



Register before March 22, 2024, 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 New Orleans, LA, USA	Through 3/22/24	After 3/22/24
Member (full week)	\$809	\$919
Nonmember (full week)	\$1049	\$1159
Member (1 day)	\$409	\$559
Nonmember (1 day)	\$539	\$709
Student	\$20	\$30
Guest	\$100	\$100

Registration fees cover the cost of meeting room rental, audio visual equipment, coffee breaks, Cyber Café, wireless equipment and fees, signs, pre-convention and on-site materials, and registration staff.

On-Demand Technical Sessions Only	Through 3/22/24	After 3/22/24
Member	\$129	\$129
Nonmember	\$219	\$219
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 at 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 February 11, 2024. After February 11, 2024, there will be a \$100 service charge for attendee registrations and a \$10 service charge for guest registrations. No refunds for in-person registration will be made after March 23, 2024. There are no refunds for special event tickets after the registration has been processed. Tour tickets are nonrefundable after the registration has been processed. On-Demand Technical-Session-Only registrations may receive a full refund through March 23, 2024. No refunds for On-Demand Technical-Sessions-Only registrations will be made after March 23, 2024.

Convention App & Event Platform

ACI is using Guidebook as the 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.

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 X with #aciconvention.