



THE WORLD'S GATHERING PLACE FOR ADVANCING CONCRETE

# CONVENTION PREVIEW

NOVEMBER 3-6, 2024

Philadelphia Marriott Downtown,  
Philadelphia, PA, USA

For more information, please visit [aciconvention.org](https://www.aciconvention.org).



Photo courtesy PHLCVB by Elevated Angles

# 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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Photo by K. Huff for PHLCVB



Photo courtesy PHLCVB



Photo courtesy PHLCVB

Visit [www.aciconvention.org](http://www.aciconvention.org) for the latest Schedule of Events and updates.

### Saturday, November 2, 2024

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

### Sunday, November 3, 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 – 5:00 pm Exhibits and ACI Cyber Café &  
Meeting Spot  
9:00 am – 11:00 am ACI International Forum  
9:00 am – 3:00 pm Pervious Concrete Cylinder  
Competition  
10:30 am – 12:30 pm **Sessions**  
11:30 am – 1:30 pm ✓ **International Lunch—  
Speaker: Mike Needham**  
**Sessions**  
1:00 pm – 3:00 pm **International Session**  
1:30 pm – 3:30 pm **Sessions**  
3:30 pm – 5:30 pm **Sessions**  
4:00 pm – 5:00 pm ACI Student Forum  
5:45 pm – 7:00 pm **Opening Session & Keynote  
Presentation**  
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, November 4, 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: Mohamed Idrissi  
Hassani**  
11:00 am – 1:00 pm **Sessions**  
1:30 pm – 3:30 pm **Sessions**  
4:00 pm – 6:00 pm **Sessions**  
4:30 pm – 6:00 pm Women in ACI Reception  
6:00 pm – 10:00 pm ACI Excellence in Concrete  
Construction Awards & Gala  
6:30 pm – 8:30 pm **123 Forum**

### Tuesday, November 5, 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 **Innovation Day: AI Odyssey –  
Building Smarter:  
Leveraging AI to Engineer  
Concrete Innovations**  
**Lunch—Speaker: Robert  
Otani**  
**Sessions**  
1:30 pm – 3:30 pm **Sessions**  
4:00 pm – 6:00 pm **Sessions**  
5:00 pm – 6:00 pm Faculty Network Reception  
6:30 pm – 8:00 pm Concrete Mixer

### Wednesday, November 6, 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**  
11:00 am – 1:00 pm **Sessions**  
1:00 pm – 5:00 pm Board of Direction Meeting  
1:30 pm – 3:30 pm **Sessions**  
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](http://www.aciconvention.org) for the latest Schedule of Events and updates.

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

## Sunday, November 3, 2024

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### Student Pervious Concrete Cylinder Competition

9:00 am – 3:00 pm

Sponsored by CONTROLS Inc.

#### CONTROLS

Students will be challenged to apply sustainability concepts and use their knowledge of concrete mixture design to produce pervious concrete that balances permeability and splitting tensile strength. In addition, students will develop a mixture design that demonstrates cementitious efficiency—that is, maintaining the overall performance of the mixture with the lowest amount of cementitious materials. For more information on the competition and how to register, please visit [www.concrete.org/students/studentcompetitions.aspx](http://www.concrete.org/students/studentcompetitions.aspx).

#### ✓ International Lunch

11:30 am – 1:30 pm

\$50 USD per person

Title: **The Fehmarnbelt Link: The World's Longest Immersed Tunnel**

Speaker: **Mike Needham**



The Fehmarnbelt Link will be the world's longest immersed tunnel and is one of Europe's largest-ever construction projects. The Link will comprise an 18 km long reinforced concrete immersed tunnel connecting Rødbyhavn in Denmark with the island of Fehmarn in Germany, with associated landworks on the Danish and German sides. The tunnel is a combined road and rail tunnel with four traffic tubes, a central gallery, and a total width of 42 m. Special elements at 1.8 km intervals have a basement level containing mechanical and electrical equipment.

### Opening Session and Keynote Presentation

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 Michael J. Paul. Next, the emcee for the night will introduce our featured keynote speaker. For information on the Opening Session, please visit [www.aciconvention.org](http://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 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, November 4, 2024

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### Student Awards Program

10:30 am – 11:30 am



Sponsored by Baker Construction Co.

Title: **Crossing Continents: My Civil Engineering Journey**

Speaker: **Mohamed Idrissi Hassani**



Join me as I share my journey to the United States in pursuit of a civil engineering career. I'll discuss the challenges I faced as a young immigrant, securing my first internship, bridging academia and the workplace, and the importance of early leadership development. Learn from my experiences and gain insights into overcoming obstacles, including passing the professional engineer (PE) exam. Don't miss this opportunity for motivation and practical advice!

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.

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

## Women in ACI Reception

4:30pm-6:00pm

During this reception, the Women in ACI will introduce the winners of the Young Professional Convention Sponsorship, recognize women who have made significant contributions to the industry, and share the history of the Women in ACI. Ice-breaker games will provide attendees with the opportunity for fellowship and fun. Plus, you might go home with one of our concrete prizes. So please come join the Women in ACI and support young professionals!

### ✓Excellence in Concrete Construction Awards and Gala

\$150 USD per person

Doors Open/Cocktail Reception: 6:00 pm – 7:00 pm

Dinner: 7:00 pm – 8:00 pm

Awards Presentation: 8:00 pm – 9:00 pm

Post-Reception/Red-Carpet Photographs: 9:00 – 10:00 pm

The ACI Excellence in Concrete Construction Awards will showcase and honor some of the most creative concrete projects from around the world nominated by ACI Chapters, ACI International Partners, and project team members. Project nominations were judged by industry professionals with technical expertise in each of the eight award categories. First- and second-place awards will be announced in each category, in addition to the concluding “Overall Excellence” Award. Following the Awards, celebrate the accomplishments of those recognized at the red-carpet post-reception. A cash bar will be available.

## Tuesday, November 5, 2024

### ✓Innovation Day: AI Odyssey – Building Smarter: Leveraging AI to Engineer Concrete Innovations Lunch

11:30 am – 1:30 pm

\$45 USD per person



Sponsored by CHRYSO and GCP (Saint-Gobain Construction Chemicals)

Title: The AI Revolution in Structural Engineering

Speaker: Robert Otani



Robert Otani, Chief Technology Officer and Director of CORE studio at Thornton Tomasetti, will speak about recent improvements in the capabilities of artificial intelligence (AI) and machine learning

platforms, which are poised to fully automate structural design steps, particularly in the early stages of architectural and structural design. For additional information on the Innovation Day: AI Odyssey – Building Smarter: Leveraging AI to Engineer Concrete Innovations Lunch, the speaker, and the topic, please visit [www.aciconvention.org](http://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 Philadelphia Marriott Downtown. An assortment of food and beverages will be available.

## Wednesday, November 6, 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 Michael J. Paul 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.



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 6/26/2024)

Concrete (\$15,000)

# CONTROLS

Cement (\$10,000)



Reinforcement (\$5,000)



Admixture (\$2,500)



Aggregate (\$1,000)



Water (\$500)

ACI Greater Michigan Chapter  
ACI Illinois Chapter

ACI San Diego Chapter

Visit [www.aciconvention.org](http://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](mailto:Kim.Spillane@concrete.org)

+1.248.848.3197





### Official ACI Hotels

The Philadelphia Marriott Downtown is the official hotel for the Convention.

All Convention events will take place at the Philadelphia Marriott Downtown.

Hotel	Rate
Philadelphia Marriott Downtown	\$255.00 + tax

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

To reserve your sleeping room at the Philadelphia Marriott Downtown, please visit <https://book.passkey.com/go/ccxn>.

Reservations can also be made over the phone by calling +1.215.625.2900 and referencing the group name: American Concrete Institute.

### Government Rooms

ACI has a small block of government-rate rooms at the Philadelphia Marriott Downtown. To book a room, please visit [www.aciconvention.org](http://www.aciconvention.org).

### Reservation Cutoff

The Philadelphia Marriott Downtown reservation cutoff is Saturday, October 12, 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](http://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 Philadelphia Marriott Downtown.





Register before November 1, 2024, to take advantage of reduced registration fees!

## How to Register

To register for the Convention, please visit the Convention website ([www.aciconvention.org](http://www.aciconvention.org)).

## Registration Fees

ACI Concrete Convention in Philadelphia, PA, USA	Through 11/1/24	After 11/1/24
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 and wireless equipment and fees, signs, pre-convention and on-site materials, and registration staff.

On-Demand Technical Sessions Only	Through 11/1/24	After 11/1/24
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](http://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](http://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](mailto:registrar@concrete.org). In-person registrations may receive a full refund through September 22, 2024. After September 22, 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 November 1, 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 November 1, 2024. No refunds for On-Demand Technical-Sessions-Only registrations will be made after November 1, 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 October.

## Stay Connected

ACI Online

[www.aciconvention.org](http://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.