



The Concrete Convention and Exposition

Convention Preview

Presented by the American Concrete Institute

March 25-29, 2018

Grand America & Little America, Salt Lake City, UT, USA





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About the ACI Convention

The American Concrete Institute is pleased to invite you to The Concrete Convention and Exposition. The ACI Convention is dedicated to bringing together the leaders in the concrete industry. These individuals work to improve the design, construction, maintenance, and repair of concrete projects. 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 ACI 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.

Saturday, March 24, 2018

- 2:00 pm – 6:00 pm ACI Registration, ACI Cyber Café and Meeting Spot, and ACI Store
8:00 pm – 9:30 pm Student Networking Reception

Sunday, March 25, 2018

- 7:30 am – 5:00 pm ACI Registration
8:00 am – 9:00 am Convention Orientation Breakfast
Guest Overview
8:00 am – 5:00 pm Exhibits, ACI Cyber Café and Meeting Spot, and ACI Store
8:00 am – 5:30 pm Committee Meetings
9:00 am – 3:00 pm Student Fiber-Reinforced Concrete Bowling Ball Competition
10:00 am – 11:30 am ACI International Forum
11:30 am – 1:30 pm ✓International Lunch – Speaker: Professor Koichi Maekawa
1:00 pm – 3:00 pm Sessions
3:30 pm – 5:30 pm Sessions
5:45 pm – 7:00 pm Opening Session & Keynote Presentation
7:00 pm – 8:00 pm Opening Reception & Awards Recognition
8:00 pm – 10:00 pm Hot Topic Session
9:00 pm – 10:30 pm Young Professional Networking Event

Monday, March 26, 2018

- 6:30 am – 8:00 am Workshop for Technical Committee Chairs (by invitation only)
7:00 am – 8:30 am Speaker Development Breakfast
7:30 am – 5:00 pm ACI Registration
8:00 am – 5:00 pm Exhibits, ACI Cyber Café and Meeting Spot, and ACI Store
8:00 am – 6:30 pm Committee Meetings
8:30 am – 10:30 am Sessions
9:00 am – 12:00 pm ✓Concrete Restoration Tour – Conference Center & Tabernacle Technical Tour
10:00 am – 11:30 am ACI Student Forum
11:00 am – 1:00 pm Sessions
11:30 am – 1:30 pm ✓Student Lunch – Speaker: Nikki Stone, Olympic Gold Medalist
1:00 pm – 2:00 pm Architectural Walking Tour (*end time is approximate*)
1:30 pm – 3:30 pm Sessions
4:00 pm – 6:00 pm Sessions
6:00 pm – 7:00 pm ✓Reception Honoring Michael P. Collins
6:00 pm – 7:00 pm Women in ACI Reception
6:30 pm – 8:30 pm 123 Forum

Photographing, audio-recording, and videotaping of the speaker or presentation is strictly prohibited without the speakers' prior written consent. ✓= Separate Fee Required. All Listings Subject to Change.

Tuesday, March 27, 2018

- 7:00 am – 6:30 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
- 9:00 am – 12:00 pm ✓ Concrete Restoration Tour – Utah State Capitol Base Isolator Tour
- 11:00 am – 1:00 pm Sessions
- 11:30 am – 1:30 pm ✓ Contractors' Day Lunch – Speaker: Dr. Matt Townsend
- 1:00 pm – 4:00 pm ✓ Bishops' Storehouse Tour
- 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, March 28, 2018

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

Thursday, March 29, 2018

- 10:00 am – 5:00 pm Board of Direction Meeting

CEU/PDH Tracking for Sessions

To earn CEUs/PDHs during a participating session or mini session, record the code given out during the 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.

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



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Saturday, March 24, 2018

Student Networking Reception

8:00 pm – 9:30 pm

The ACI Student and Young Professional Activities Committee (SYPAC) invites all students, faculty advisors, and mentors to the Student Networking Reception. This casual and fun environment is an opportunity to engage with future concrete professionals and professors. Students will participate in games to win door prizes. In addition, pizza and beverages will be provided for free on a first-come, first-served basis.

Sunday, March 25, 2018

Student Fiber-Reinforced Concrete Bowling Ball Competition

9:00 am – 3:00 pm

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 their balls 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.



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✓ International Lunch

11:30 am – 1:30 pm

\$30 U.S. per person



Speaker: Professor Koichi Maekawa

Title: “Road to New Transport Infrastructure – Super Express Maglev and Extended Airport”

This presentation will provide an overview of the Maglev super-express train and ocean-extended Tokyo International Airport as national challenges to a new transport

infrastructure. Overview of maglev linear-Shinkansen construction of about \$30 billion is presented to meet the increasing traffic demand and business, and the conceptual design for concrete structures and new performance requirements for materials will be reported. Another recent achievement to meet the challenge of inbound transport is the extended Tokyo Haneda International Airport. It is truly one monolithic non-jointed reinforced concrete deck of 0.6 km² and has become the world’s first non-crack runway structure built above the ocean. The lifetime performance-based design/contract and the new construction system with super-quality concrete are the technical highlight, and the crack control and the fatigue damage assessment are underlined. Social efficiency of these transport infrastructures will be thought about together with the engineering interest. Visit www.aciconvention.org for more information on this lunch, the speaker, and the topic being presented.

Opening Session & Keynote Presentation

5:45 pm – 7:00 pm

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

Opening Reception and Awards Recognition

Approx. 7:00 pm

Immediately following the conclusion of 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.

Young Professional Networking Event

9:00 pm – 10:30 pm

The ACI Student and Young Professional Activities Committee invites all younger members (ages 21+) for a casual networking exchange following the Opening Reception. Attendees will establish connections with fellow young professionals, graduate students, and ACI members. Bring your business cards to be entered into a drawing for door prizes.

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Monday, March 26, 2018

✓ **Concrete Restoration Tour – Conference Center & Tabernacle Technical Tour**

9:00 am – 12:00 pm

\$21 U.S. per person

The Conference Center and Tabernacle Buildings are located on historic Temple Square and have been seismically retrofitted. A 2-hour, behind-the-scenes tour will be conducted by structural engineers who were involved with construction. Bus will depart from the Main Lobby in the Grand America at 9:00 am.



✓ **Student Lunch**

11:30 am – 1:30 pm

\$51 U.S. per person; FREE to students who preregister by 2/25/18

Sponsored by Baker Concrete Construction



Speaker: Nikki Stone, Olympic Gold Medalist

Title: “Learn the Difference between Showing Up and Winning the Gold”
Join students and other ACI attendees for the Student Lunch with featured speaker Nikki Stone, 1998 Olympic Gold Medalist and best-selling author. Attendees will gain the ability to “go for the gold” when everything is on the line. They’ll have the tools to think, prepare, and perform

like a champion no matter the surrounding environment or influential parties. All are welcome to register for the lunch. Following the lecture, the results of the student competition will be announced. For additional information on the Student Lunch, please visit www.aciconvention.org.

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Architectural Walking Tour**1:00 pm – 2:00 pm (approximate)****FREE; advance registration is required**

Join ACI Committee 124 for a free walking tour of architectural concrete buildings led by Intermountain Chapter – ACI member Sarah Sutherland, Business Development Director of Forterra Structural & Specialty Products. The tour will last approximately 1 hour and will visit a variety of notable concrete buildings within easy walking distance of the convention venue. Plan on joining us to stretch your legs and see some of the beautiful concrete buildings that make Salt Lake City a great concrete town.

✓ Reception Honoring Michael P. Collins**6:00 pm – 7:00 pm****\$31 U.S. per person**

This reception is the final event of the Michael P. Collins Symposium on Structural Concrete in Shear, honoring Professor Michael Collins for his outstanding contributions in this field of knowledge. Collins is a structural engineer whose research concerns the basic shear-transfer mechanisms in reinforced concrete structures. His research has improved the safety of buildings, bridges, nuclear containment structures, and offshore oil platforms.

Collins received his BE from the University of Canterbury in New Zealand in 1964 and his PhD from the University of New South Wales in Australia in 1968. He joined the University of Toronto in 1969, was appointed to the Bahen-Tanenbaum Chair in Civil Engineering in 1995, and was selected as a University Professor in 1999.

Collins has concentrated his research effort on understanding how cracked reinforced concrete resists shear stress. Shear failures can cause concrete structures to collapse without warning; hence, accurate analytical models for shear behavior are critical for public safety. The Compression Field Theory and subsequently the Modified Compression Field Theory, developed by Professor Collins and his colleagues at the University of Toronto, provide a rational basis for shear design and has received worldwide recognition. The Modified Compression Field Theory is currently the design standard in the Canadian Standard CAN/CSA A23.3-04, which is soon to be updated and included in the European Building Code. He is the author of over 80 technical papers, eight of which have received a research prize.

Tuesday, March 27, 2018

✓ Concrete Restoration Tour – Utah State Capitol Base Isolator Tour**9:00 am – 12:00 pm****\$22 U.S. per person**

In 2008, the Utah State Capitol underwent a major seismic retrofit, where 265 base isolators were installed. Tours of the Capitol and viewing of the isolation system are available to approved groups. There are no restrictions on who can enter the Capitol Building.

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✓ **Contractors' Day Lunch**

11:30 am – 1:30 pm

\$54 U.S. per person



Speaker: Dr. Matt Townsend, Communication and Relationship Expert

Title: “Feeding the 7 Basic Needs of Healthy and Productive Relationships... The Art of Doing More with Less”

Join other ACI attendees and contractors for the Contractors' Day Lunch. With his engaging and entertaining style, Matt Townsend teaches what he has

learned over the last 20 years as a leadership consultant and relationship coach, working with thousands of corporate clients. His funny yet universal stories teach how his principles apply to everyday life, no matter what your life situation. He will also leave you with the tools and skills necessary to take his concepts and immediately apply them into your real management and day-to-day experiences. For additional information on the Contractors' Day Lunch, the speaker, and the topic, please visit www.aciconvention.org.

✓ **Bishops' Storehouse Tour**

1:00 pm – 4:00 pm

\$20 U.S. per person

Constructed on 36 acres, the storehouse can hold 65,000 pallets of food and supplies. The facility also includes offices, a transportation center, tire storage, and a fire pump house. More than 40,000 yd³ of concrete were used to build the structure. The warehouse and its mechanical, electrical, and fire protection systems were designed to withstand a maximum-scale earthquake.

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. An assortment of food and beverages will be available.

Wednesday, March 28, 2018

President's Reception

6:30 pm – 8:00 pm

ACI President Khaled Awad 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 beverages will be available.

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Exhibitors

ACI would like to thank the following exhibitors for their support of and participation in the ACI Convention.
(Listed as of 11/20/17)



Sponsors

Sponsorship investments help make the ACI 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 11/20/17)

CEMENT



ADMIXTURE



EUCLID CHEMICAL



FINE AGGREGATE

Carolinas Chapter – ACI

Greater Michigan Chapter – ACI

Las Vegas Chapter – ACI

New Jersey Chapter – ACI

WATER

Arizona Chapter – ACI

Louisiana Chapter – ACI

National Capital Chapter – ACI

Rocky Mountain Chapter – ACI

San Diego Chapter – ACI

Southern California Chapter – ACI

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

Exhibit Area Highlights

Networking

The exhibit area is the central meeting spot for the convention and a great place to get to know exhibitors, meet up with colleagues, or introduce yourself to someone new. Additionally, the Opening Reception & Awards Recognition will take place in the exhibit hall on Sunday evening.

ACI Store

Visit the ACI Store, the official location for ACI merchandise. Browse standards, technical documents, and other resources as well as ACI apparel. When you visit the ACI Store, you will receive 10% off ACI publications. The ACI Store is also a good source for additional information on ACI services such as ACI University and the ACI Foundation.

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 e-mail!

Exhibitor Demonstrations

On Monday and Tuesday, stop by the exhibitor demonstration area to learn more about the products and services offered by our exhibitors.

Daily Refreshments

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



Not yet an exhibitor?

Exhibiting at the ACI Convention is a great opportunity to showcase your products and services while also networking with leaders in the concrete industry. ACI seeks to provide exhibitors with a venue and atmosphere that will maximize visibility and marketing potential and has specifically designed the exhibit area with that in mind.

Booth rates are \$2000 for a 10 x 10 ft space and include up to two exhibitor registrations, giving you access to the exhibit area; technical sessions; committee meetings; networking events; and exposure in event publications, on the ACI website, and on signage during the convention. Tabletops are also available for \$1500 and come with only one registration.

Become a Sponsor

Your donation is essential to the success of the ACI Convention and the development of our industry, which occurs as a direct result of the ACI Convention. In return for your generous support, your company name will appear in a variety of promotional materials to include items such as the convention program and a PowerPoint presentation that will be played during prime convention functions. For a complete listing of sponsorship levels and sponsorship opportunities, visit www.aciconvention.org.

For more information on exhibiting at the convention or becoming a sponsor, please contact:

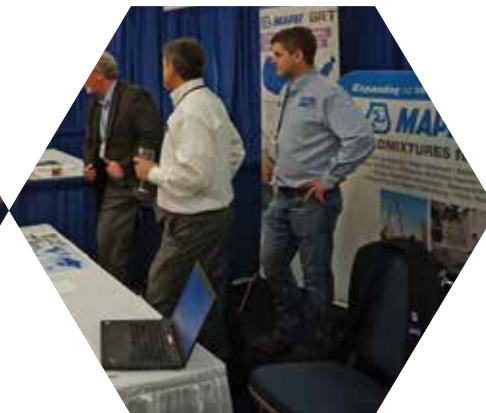
Ashley N. Mayra

Exhibit & Sponsorship Coordinator

American Concrete Institute

ashley.mayra@concrete.org

+1.248.848.3186



Official ACI Hotel

The Grand America Hotel and The Little America Hotel are the official headquarter hotels for the ACI Convention. All convention events will take place at The Grand America Hotel and The Little America Hotel.

Hotel	Rate
Grand America	\$229.00 U.S. + 12.6% tax
Little America – Tower	\$169.00 U.S. + 12.6% tax
Little America – Courtside	\$109.00 U.S. + 12.6% tax

Rates are based on single or double occupancy.

To reserve your sleeping room at The Grand America Hotel or The Little America Hotel, please visit www.aciconvention.org. Reservations may also be made directly with the hotel by calling +1.800.437.5288 and referencing the American Concrete Institute.

Government Rooms

ACI has a small block of government rate rooms at the Little America Hotel. To book a room, please visit www.aciconvention.org.

Reservation cutoff is Saturday, March 3, 2018. 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 Grand America Hotel and The Little America Hotel.



Register before February 25, 2018, to take advantage of reduced registration fees!

How to Register

To register for the ACI Convention, please visit the ACI Convention website (www.aciconvention.org) through March 5, 2018.

Preregistration rates are available until February 25, 2018. Online registration closes on March 5, 2018. After March 5, please register on-site at the ACI Registration Desk, located in the exhibit area at The Grand America Hotel.

Registration Fees

Registration Type	Through 2/25/18	After 2/25/18
Member	\$544	\$665
Nonmember	\$712	\$835
1-Day Member	\$278	\$399
1-Day Nonmember	\$380	\$502
Guest	\$100	\$100
Student	\$10	\$20

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

Guest Registration

To register a guest, you must add the guest to the attendee online registration form. The guest registration fee includes a continental breakfast Sunday through Wednesday and attendance at the Opening Reception, Guest Social, and Concrete Mixer. Guest Registration does NOT include attendance to any of the technical sessions or committee meetings.

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!

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 Convention on Facebook, Instagram, and Twitter with #aciconvention.



SAVE THE DATE

March 25-29, 2018

Grand America & Little America, Salt Lake City, UT, USA

Register at www.aciconvention.org