



Fall 2017 | Anaheim

# The Concrete Convention and Exposition



**October 15-19, 2017**

Disneyland® Hotel, Anaheim, CA, USA

# Convention Preview

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Presented by the American Concrete Institute



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# About the ACI Convention

The ACI Concrete Convention and Exposition 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, October 14, 2017

7:00 am – 6:00 pm	ACI Registration
8:00 am – 10:00 am	FRPRCS-13 Symposium
8:00 am – 7:30 pm	✓International Workshop on Structural Concrete
10:15 am – 12:15 pm	FRPRCS-13 Symposium
1:15 pm – 3:15 pm	FRPRCS-13 Symposium
2:00 pm – 6:00 pm	ACI Cyber Café and Meeting Spot and ACI Store
3:30 pm – 5:30 pm	FRPRCS-13 Symposium
6:00 pm – 8:00 pm	✓FRPRCS Reception
8:00 pm – 10:00 pm	Student Networking Reception

## Sunday, October 15, 2017

7:30 am – 5:00 pm	ACI Registration
8:00 am – 9:00 am	Convention Orientation Breakfast
	Guest Overview
8:00 am – 10:00 am	FRPRCS-13 Symposium
8:00 am – 10:00 am	Sessions
8:00 am – 5:00 pm	Exhibits, ACI Cyber Café and Meeting Spot, and ACI Store
8:00 am – 5:30 pm	Committee Meetings
9:30 am – 4:00 pm	Student Egg Protection Device Competition
10:00 am – 11:30 am	ACI International Forum
10:15 am – 12:15 pm	FRPRCS-13 Symposium
10:30 am – 12:30 pm	Sessions
11:30 am – 1:30 pm	✓International Lunch – Speakers: Jae-Hoon Lee and Hong-Gun Park
12:00 pm – 4:00 pm	Student Eco Concrete Competition

1:00 pm – 3:00 pm	Sessions
1:15 pm – 3:15 pm	FRPRCS-13 Symposium
3:30 pm – 5:30 pm	Sessions
3:30 pm – 5:30 pm	FRPRCS-13 Symposium
5:45 pm – 7:00 pm	Opening Session and Keynote Presentation
7:00 pm – 8:00 pm	Opening Reception
8:00 pm – 9:00 pm	Young Professional Networking Event
8:00 pm – 10:00 pm	Hot Topic Session

## Monday, October 16, 2017

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
7:30 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
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: Conrad Paulson
1:30 pm – 3:30 pm	Sessions
4:00 pm – 6:00 pm	Sessions
6:00 pm – 7:00 pm	Women in ACI Reception
6:30 pm – 8:30 pm	123 Forum
6:30 pm – 10:00 pm	✓The Excellence in Concrete Construction Awards Gala

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, October 17, 2017

- 7:00 am – 6:30 pm Committee Meetings
- 7:30 am – 4:00 pm ✓California Science Center Tour
- 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 ✓Contractors' Day Lunch – Speaker: Kent Estes
- 1:30 pm – 3:30 pm Sessions
- 2:30 pm – 6:10 pm 10th Anniversary Concrete Sustainability Forum
- 4:00 pm – 6:00 pm Sessions
- 5:00 pm – 6:00 pm Faculty Network Reception
- 6:30 pm – 8:30 pm Concrete Mixer



## Wednesday, October 18, 2017

- 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
- 1:30 pm – 3:30 pm Sessions
- 6:30 pm – 8:00 pm President's Reception

## Thursday, October 19, 2017

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

### CEU/PDH Tracking for Sessions and Mini Sessions

To earn CEUs/PDHs during a participating session or mini sessions, 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](http://www.aciconvention.org) for the latest Schedule of Events and updates.



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## ✓ **International Workshop on Structural Concrete**

**Workshop: 8:00 am – 5:15 pm**

**Reception: 6:00 pm – 7:30 pm**

**\$75 U.S. per person**

The International Workshop on Structural Concrete: Technology Advancement and Adoption in the Americas is held every 18 to 24 months in conjunction with the ACI 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, network with colleagues at an evening reception. An assortment of food and beverages will be available. Registered guests may attend this reception for an additional fee of \$50.

## **FRPRCS-13 Symposium**

**Saturday and Sunday: 8:00 am – 10:00 am; 10:15 am – 12:15 pm; 1:15 pm – 3:15 pm; 3:30 pm – 5:30 pm**

The 13th International Symposium on Fiber-Reinforced Polymer Reinforcement of Concrete Structures (FRPRCS) will be held on Saturday and Sunday. 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 Reception**

**6:00 pm – 8:00 pm**

**\$54 U.S. per person**

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.

## **Student Networking Reception**

**8:00 pm – 10:00 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 be entered into a drawing for door prizes. In addition, pizza and beverages will be provided for free on a first come first served basis.



Sunday, October 15, 2017

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### Student Egg Protection Device Competition

**9:30 am – 4:00 pm**

The objective of this competition is to design and build the highest-impact, load-resistant plain or reinforced concrete Egg Protection Device (EPD). Students will learn about and report on concrete's impact resistance, design of reinforcing steel, and other real-life aspects that an EPD simulates. Testing will begin bright and early and continue until only crushed EPDs and mangled reinforcing bar remain. The winners will be announced during the Student Lunch on Monday, October 16, and the top three entries will receive prizes. For more information on the competition and how to register, please visit [www.concrete.org/students](http://www.concrete.org/students).

### Student Eco Concrete Competition

**12:00 pm – 4:00 pm**

This new student competition aims to promote the idea of environmental performance in concrete mixture design as an important aspect of sustainability. For this first-time run of the new student competition, 20 teams have the mission to develop an innovative concrete mixture, which must have the lowest possible environmental impacts while maintaining optimal mechanical and durability performance. After designing their concrete mixture, teams are asked to perform a simplified lifecycle assessment (LCA) and present their results in a written report. At the competition, teams will have a poster to present their innovative concrete to the audience and judges, with an emphasis on environmental aspects considered in their design, and their mixture will be checked for durability by testing the resistivity. Winners will be announced on Monday at the student lunch. For more information on the competition and how to register, please visit [www.concrete.org/students](http://www.concrete.org/students).

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## ✓International Lunch

11:30 am – 1:30 pm

\$30 U.S. per person



Lee



Park

Speakers: Jae-Hoon Lee, Yeungnam University, and Hong Gun Park, Seoul National University

This presentation will introduce Korean experience in developing national standards and concrete technology, beginning with the large-scale construction of buildings and infrastructures in the 1960s. At that early stage, as a developing country, there was little knowledge and information on concrete technology. During the last two decades, various research programs have been introduced to develop more rational design code and concrete technology that enables Korean engineers to design and construct diverse civil structures and buildings in Korea. In this interesting talk, the roles of the Korean

Concrete Institute and universities on the development of concrete technology and construction in Korea will be presented, showing specific examples of infrastructure and mega buildings. Visit [www.aciconvention.org](http://www.aciconvention.org) for more information on this lunch, the speakers, and the topics being presented.

## Opening Session and 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 introduce our featured keynote speaker, Josh Linkner, who will give a presentation on disruption. For information on the Opening Session and the keynote presentation, please visit [www.aciconvention.org](http://www.aciconvention.org).

## Opening Reception

Approx. 7:00 pm

Immediately following the Opening Session and Keynote Presentation, 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

8:00 pm – 9:00 pm

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

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Monday, October 16, 2017

### ✓ Student Lunch

11:30 am – 1:30 pm

\$47 U.S. per person; FREE to students who preregister by 9/17/17



Sponsored by Baker Concrete Construction

Speaker: Conrad Paulson, WJE

Join students and other ACI attendees for the Student Lunch with featured speaker Conrad Paulson, WJE. This presentation will give an overview of several engineers at varying stages of their careers, presenting their perspectives, how they may differ, and yet how they

collaborate to build a successful work environment. 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](http://www.aciconvention.org).

### ✓ The Excellence in Concrete Construction Awards Gala

6:30 pm – 10:00 pm

Doors Open: 5:30 pm – 6:30 pm

Awards Dinner: 6:30 pm – 8:30 pm

Reception: 8:30 pm – 10:00 pm

\$85 U.S. per person



The ACI Excellence in Concrete Construction Awards will honor some of the most creative projects the concrete world has to offer. Chapter and International Partner-sponsored concrete projects of all types are eligible to receive an award. Entries will be juried by an independent panel of industry professionals uniquely qualified and representing diverse backgrounds, with technical expertise in all award categories. First- and second-place awards may be given in each category. An overall “Excellence” award will be revealed the evening of the Gala. Following the Awards Dinner, celebrate the accomplishments of those recognized at the post-reception. A cash bar will be available. For more information on the ACI Excellence in Concrete Construction Awards, visit [www.ACIExcellence.org](http://www.ACIExcellence.org).

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### ✓ **California Science Center Tour**

**Departs at 7:30 am, returns to the hotel by 4:00 pm**  
**\$30 per person**

Join us for a day full of adventure for the entire family as we explore the California Science Center. We will start the day with the Endeavour Experience, getting up close and personal with the space shuttle and artifacts. Then you can explore on your own! You can enjoy the Ecosystems, World of Life, Creative World, and Air and Space. Be sure to leave yourself time for a little shopping, too.

### ✓ **Contractors' Day Lunch**

**11:30 am – 1:30 pm**  
**\$49 U.S. per person**



Speaker: Kent Estes, Walt Disney Imagineering

Join other ACI attendees and contractors for the Contractors' Day Lunch. Featured speaker Kent Estes from Walt Disney Imagineering will give a presentation highlighting the ongoing expansion at the Disney theme parks, focusing on unique applications of concrete in new construction. Topics to be covered include challenges in design, engineering, and construction. For additional information on the Contractors' Day Lunch, the speaker, and the topic, please visit [www.aciconvention.org](http://www.aciconvention.org).

## **10th Anniversary Concrete Sustainability Forum**

**2:30 pm – 6:10 pm**

The 10th Anniversary Concrete Sustainability Forum will feature the Presidents of ACI and *fib* and the Chairs of ACI, *fib*, and ISO committees on sustainability describing the accomplishments over the last decade and into the future. The latest information on sustainable technologies and systems will also be presented. Furthermore, you can join the discussion to influence the next 10 years. The forum is free to all registered convention attendees.

### **Concrete Mixer**

**6:30 pm – 8:30 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, October 18, 2017

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### **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 5/19/17)



Foam Concepts Inc./  
P.A.G. Foam



## 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 5/19/17)

### Pacific Coast Highway



### Sunset Boulevard



### Santa Monica Boulevard

ACE Mentor  
Hathaway Dinwiddie Construction  
Headwaters Resources  
National Ready Mixed Concrete Company

### Mullholland Drive

Carolinas Chapter – ACI  
Foam Concepts Inc./P.A.G. Foam  
Greater Michigan Chapter – ACI  
Lehigh Hanson  
Las Vegas Chapter – ACI  
Louisiana Chapter – ACI  
Oldcastle Precast  
Pittsburgh Area Chapter – ACI

### Harbor Boulevard

Arizona Chapter – ACI  
Bonanza  
Colorado Ready Mixed Concrete Association  
Concrete Industry Board, Inc  
Illinois Chapter – ACI  
Intermountain Chapter – ACI  
Kansas City Chapter – ACI  
Maryland Chapter – ACI  
National Capital Chapter – ACI  
Northern California & Western Nevada Chapter – ACI  
Rocky Mountain Chapter – ACI  
San Diego Chapter – ACI

### Lanyard Sponsor

The Conco Companies

Visit [www.aciconvention.org](http://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 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 four exhibitor registrations, giving you access to the exhibit area; convention sessions; committee meetings; networking events; and exposure in event publications, on the ACI website, and on signage during the convention.

## Become a Sponsor

Your donation is essential to the success of the ACI Convention as well as 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, including 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](http://www.aciconvention.org).

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

### Ashley N. Mayra

Exhibit & Sponsorship Coordinator  
American Concrete Institute  
[ashley.mayra@concrete.org](mailto:ashley.mayra@concrete.org)  
+1.248.848.3186

### Heather Caya

Executive Secretary  
Southern California Chapter – ACI  
[aciscc@cox.net](mailto:aciscc@cox.net)  
+1.877.562.2241



## Official ACI Hotel

The Disneyland® Hotel is the official headquarters hotel for the ACI Convention. All convention events will take place at the Disneyland® Hotel and Disney's Paradise Pier® Hotel.

Occupancy	Rate
Standard King or Double-Bedded Room	\$202.00 U.S. + 17% tax

Reserve your hotel room online through the Hotel Reservation Portal by visiting <https://www.mydisneygroup.com/gdaj17a>. Reservations may also be made directly with the hotel by calling +1.714.520.5005 and referencing the American Concrete Institute.

## Government Rooms

ACI has a small block of government-rate rooms at Disney's Paradise Pier® Hotel, and reservations can be made online through the Hotel Reservation Portal, when you select "Government Rooms" as your Guest Type.

## Theme Park Tickets

ACI attendees may purchase Disneyland® theme park tickets at special convention rates when they purchase their tickets in advance of the convention. Rates may vary by day, time, and theme park and are subject to change at any time prior to purchase. To purchase your ticket or check pricing visit the Hotel Reservation Portal by visiting <https://www.mydisneygroup.com/gdaj17a>.

Reservation cutoff is Monday, September 18, 2017. 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 Disneyland® Hotel.



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Register before September 17, 2017, 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](http://www.aciconvention.org)) through September 25, 2017.

Preregistration rates are available until September 17, 2017. Online registration closes on September 25, 2017. After September 25, please register on-site at the ACI Registration Desk, located in the exhibit area at the Disneyland® Hotel.

## Registration Fees

Registration Type	Through 9/17/17	After 9/17/17
Member	\$518	\$633
Nonmember	\$678	\$795
1-Day Member	\$265	\$380
1-Day Nonmember	\$362	\$478
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 morning coffee and pastries 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](http://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](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 Convention on Facebook, Instagram, and Twitter with #aciconvention.

# SAVE THE DATE



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**October 15-19, 2017**

Disneyland® Hotel, Anaheim, CA, USA

Register at [www.aciconvention.org](http://www.aciconvention.org)