

ACI FIRST MIX

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News of events, people and projects in our Regional Concrete Industry. [Subscribe](#) to **ACI FIRST MIX**

American Concrete Institute
Northern California  Western Nevada
Chapter
Advancing Our Regional Concrete Industry Since 1958

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Excellent
Chapter

TUESDAY, SEPT. 13 AT CATTLEMENS IN LIVERMORE

Roller Compacted Concrete

PRESENTED BY CLAY SLOCUM OF CNCA
AND HANS STADEM OF CEMEX USA



Roller Compacted Concrete (RCC) is a pavement construction process with the speed and cost savings of asphalt construction and the longevity and environmental benefits of concrete pavement. We will review RCC history, pavement materials, construction equipment, and surface characteristics. Roseville and Elk Grove projects using RCC will be compared with costs for equivalent asphalt designs.

Our Presenters

Clay Slocum of CNCA is the Northern California/Northern Nevada pavements engineer and provides technical expertise, education, concrete resources, and other services to municipalities, engineers, and developers. Clay is active in APWA, ASCE, ACI, SNCA, and EBME. He is a licensed civil engineer in the state of California and is certified by ACI.

Hans Stadem of CEMEX USA is a paving engineer. He offers designs and cost analysis to support multiple projects that range from pervious concrete, roller compacted concrete, full depth reclamation, concrete overlays, and conventional concrete pavements.

[Make your reservations online!](#)

September 13 at Cattlemens
2882 Kitty Hawk Road, Livermore
925.765.3667

[Click Here](#) for directions – Near the freeway, lots of parking.

Includes dinner and dessert, non-alcoholic beverages, service charge and tax.

Chapter Coming Events

Help us present the kind of events that matter to you -- topics and projects that you'd like to learn more about.

We usually meet on the 2nd Tuesday, with Social Hour at 6 PM, Dinner at 7 PM, and Presentation at 8 PM. Our annual SEAOC/ACI Event in April starts at 5:30 PM.

We will update this list as we confirm speakers and locations. *And we welcome your suggestions!*

Events Scheduled as of August 23

September 13 – Cattlemens in Livermore
Roller Compacted Concrete

November 8
ACI Construction Awards – Honoring Our Region's Best

April 11 – Sacramento Area
Joint Meeting with SEAOC

May 2017 – Granite Bay Golf Club
ACI Golf Classic – Yep, we return to Granite Bay!

June 13 - Acampo
Annual Meeting at LangeTwins Family Winery

Contacts for Chapter Events

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ACI FIRST MIX Chapter Newsletter Edited by Chapter Communications Manager Bob Lema. Send your information for the newsletter to info@aci-ncawnv.org.

Northern California and Western Nevada Chapter ACI
Post Office Box 2393 • Elk Grove, CA 95759

Slideshows of Past Chapter Events

[Click here](#) for slideshows on our May 2016 Golf Classic, and Annual Meetings at LangeTwins Family Winery. You can step through the photos and download specific images to your computer.

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Chapter Membership Report for June and July

Total Membership as of July 31, 2016: 119

June New Members: The Chapter welcomes new members Virgil Garner (OM w/Consolidated Engineering Laboratories), and George Sadowski (Forta Corporation).

July New Members: None

June Renewing Individual Members: Ted Allured (Retired), Rowdy Cordero (Nevada Cement), Dale Fietz (Retired), Greg Odenthal (Pinnacle Consulting), and Jim Van Nest (Retired).

July Renewing Individual Members: Michelle Craig (Chapter BAM).

June Renewing Organizational Members: None.

July Renewing Organizational Members: Lorenzo Abbruzzese (OM w/Concrete Services), Shawn Barnes (OM w/Concrete Services), Kevin Berry (OM w/BASF Corporation), Greg Guecia (OM w/BASF Construction Chemicals), and Ben Inkster (OM w/DeSilva Gates Aggregates).

[Learn more](#) about the benefits of membership.

Thank you for your support!

Miki Craig, Business Administration Manager

Industry Job Opportunities

FORTA Corporation A worldwide leader in synthetic fiber research and development is hiring manufacturers' representatives in our region. [Learn more.](#)

Teichert Materials Seeks experienced lab tech in aggregates, asphalt, and concrete testing for their Vernalis QC lab. [Learn more.](#)

ACI Career Center

[Check out](#) ACI's Career Center for a variety of openings.

CalCIMA Job Listings

[CalCIMA](#) authorized a link for us to their job listings. [Learn more](#) about the jobs on their site.

Join the Chapter or Renew [Join Us!](#)

How to Contact Us [Take a Look](#)

Chapter officers, directors, committees, and staff.

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'ACI First Mix' Archives [Catch Up!](#)

We maintain links to previous issues.

ACI CONSTRUCTION AWARDS 2016

HONORING OUR REGION'S BEST PROJECTS
ENTRY DEADLINE OCTOBER 21 • BANQUET NOVEMBER 8

The 2016 ACI Construction Awards honors the project teams and the results they've achieved. Our region is home to outstanding industry professionals and projects worthy of recognition. Projects in the last three years are eligible.

Download the 2016 ACI Construction Awards Entry Requirements and Application Packet. There is no cost to enter up to four projects. Choose [Word file](#) or [PDF format](#).

Submit Your Projects for Judging in the following five categories. A project may be considered in multiple categories.

1. **Architectural** – Visually appealing, judging the concrete's features use or finish, buildings or structure's shape and architectural characteristics.
2. **Structural** – Exceptional use of concrete in the framing system of the building or as a main feature of the structure.
3. **Construction** – Outstanding construction techniques, uses of materials, or new and innovative concrete use.
4. **Unique Use of Concrete** – Projects that fall outside the scope of architectural, structural or construction categories while exhibiting a creative use of concrete.
5. **Green/Environmental** – Concrete focused on reduced greenhouse gases, improved efficiencies of a structure/building. Encouraging market transformation towards sustainable design and exhibiting environmental performance.


- **ACI Construction Awards** go to the winning entrant and the individual project team members. Honorable Mentions may also be awarded in the competition's five categories.

- **Judges Are Drawn** from ACI Chapter Board members, past presidents of ACI, architectural, engineering, construction and concrete material associations and engineering programs.

- **Each Category Winning Entrant** will also receive two complimentary tickets to the Awards Banquet and a one-year membership to the Northern California and Western Nevada Chapter of ACI.

- **Winners Are Eligible** for the 2017 ACI Excellence in Concrete Construction Awards that bring together projects from around the world that have won regional awards to honor the best projects on a global scale.

If you have questions, please contact me. We welcome your participation!



Rich Vance, 2016 ACI Construction Awards Chair
and Chapter Past President

rvance@lehighcement.com 925.437.4166

ENTRY DEADLINE: Friday, October 21, 2016

ACI News and Events



Fall 2016 – Revolutionary Concrete

October 23-27, Marriott Philadelphia

[See What's Ahead in Philadelphia](#)



Download the Convention Preview to get a look at the featured lunch speakers, exhibitors and sponsors, and other special events taking place in Philadelphia.

Registration Is Open

Online registration is now open! Register early and save up to \$100 off your convention experience. To make the most out of your time in Philadelphia this fall, don't forget to add the featured lunches to your registration.

Reserve Your Hotel Room Today

The Philadelphia Marriott Downtown Hotel is the official headquarter hotel for the ACI Convention. All convention events will take place at the Philadelphia Marriott Downtown Hotel.



Real-Time Concrete Strength Monitoring Based on the Maturity Method – Webinar September 13

1:00 – 2:00 p.m. EDT
0.1 CEU / 1.0 PDH

Presented by:

Aali R. Alizadeh, PhD, PEng, Giatech Scientific Inc.
Walt Flood IV, MS, PE, Flood Testing Labs, Inc.

[Learn More and Purchase Your Seat Online](#)

The webpage at Concrete.org also shows other webinars available. Be sure to check out the [ACI Store](#).

CalCIMA's 2016 Education Conference Set for Nov. 6-9



Omni Rancho Las Palmas Resort & Spa
Rancho Mirage, California

Click [here](#) to register online

Click [here](#) to reserve your hotel room

Click [here](#) to be listed as a sponsor

Concrete Industry News

We post selected links from ACI and other sources.

ARI Alert:

[Five Cemex cement plants earn EPA's Energy Star Certification for 2016](#)

Five Cemex USA cement plants have achieved the US Environmental Protection Agency's Energy Star certification.

ACI Concrete SmartBrief:

[Concrete reinforcement part of seismic upgrades at former residence hall](#)

A project at the University of Nevada in Reno demonstrates the success of seismic retrofitting of unreinforced masonry buildings by adding reinforced concrete and installing 3,000 structural bolts to 120-year-old Lincoln Hall.

ACI Concrete SmartBrief:

[Video: Calif. considers piezoelectric tech to raise road construction funds](#)

Japan, Israel and Italy have installed tiny sensors in roads that vibrate when cars pass over them, generating electricity. California legislators see the potential to increase revenue and fund road improvements with this piezoelectric technology, so the state is installing pilot projects next year.

ACI Concrete SmartBrief:

[Video: Fabric repairs concrete bridges](#)

Students at the University of Kentucky have designed a carbon-fiber fabric that can repair crumbling concrete by bonding to it. The fabric "can carry a force of about 120,000 pounds, almost 700,000 times its weight," according to civil engineering professor Issam Harik.

Students Are Building the Future

Chapter Student Committee Co-Chairs

Dr. Akthem Al-Manaseer • akthem@email.sjsu.edu

Josh Patterson • josh.patterson@lehighhanson.com

Our Chapter helps underwrite engineering and CIM student activities and students can attend our events for just \$10.