

# Calls for Papers

## New Innovations in Chemical Admixtures

**Meeting:** Technical session on “New Innovations in Chemical Admixtures” at The ACI Concrete Convention and Exposition – Spring 2018, March 25-29, 2018, in Salt Lake City, UT; sponsored by ACI Committee 212, Chemical Admixtures.

**Solicited:** Based on the success of the session held at the ACI Concrete Convention – Spring 2017 in Detroit, MI, ACI Committee 212 is inviting papers related to the advancement of knowledge and use of chemical admixtures for the improvement of use and economy and/or durability of concrete. Papers will be chosen by an ACI Committee 212 task group prior to the ACI Concrete Convention – Fall 2017 in Anaheim, CA.

**Requirements:** 1) presentation title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract of 300 words.

**Deadlines:** Abstracts are due by August 31, 2017; final papers are due by December 15, 2017.

**Send to:** Kari L. Yuers, Kryton International Inc., e-mail: kari@kryton.com.

## Rating Methods for Defining Performance of Existing Concrete Bridges

**Meeting:** Technical session on “Rating Methods for Defining Performance of Existing Concrete Bridges” at The ACI Concrete Convention and Exposition – Spring 2018, March 25-29, 2018, in Salt Lake City, UT; sponsored by ACI Committee 342, Evaluation of Concrete Bridges and Bridge Elements.

**Solicited:** This session will provide the bridge community with an overview of the load rating process and appropriate methods of analysis for defining concrete bridge performance based on safety and serviceability limit states. Presentations are invited on case studies of load rating concrete bridges with various structural configurations such as typical prestressed I-girders, reinforced and prestressed multi-cell box girder bridges, segmental concrete bridges, bridges with large horizontal curvatures and complex geometry (for example, concrete arch and rigid frame bridges), and bridges with insufficient plans or details. Presentations will also emphasize

relevant refined analysis methods that extend beyond traditional AASHTO rating methods such as finite element modeling, grillage modeling, and diagnostic load testing.

**Requirements:** 1) presentation title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract of up to 250 words.

**Deadline:** Abstracts are due by September 1, 2017.

**Send to:** Khatereh Vaghefi, WSP USA, e-mail: khatereh.vaghefi@wsp.com; and Nestor Rubiano, HNTB, e-mail: nrubiano@hntb.com.

## Seismic Analysis, Design, and Construction of Concrete Buildings and Bridges

**Meeting:** Technical sessions on “Seismic Analysis, Design, and Construction of Concrete Buildings and Bridges” at The ACI Concrete Convention and Exposition – Fall 2018, October 14-18, 2018, in Las Vegas NV, sponsored by ACI Committees 341, Earthquake-Resistant Concrete Bridges, and 345, Concrete Bridge Construction, Maintenance, and Repair.

**Solicited:** These sessions will emphasize recent advances in the seismic analysis, design, and construction of concrete buildings and bridges. Presentations will encompass a variety of technical aspects such as the refined analysis and assessment techniques of concrete members subjected to seismic loading, damage detection and mitigation, vulnerability identification, and strengthening of constructed structures. Both experimental and analytical investigations are of interest. The sessions will bring to light recent research findings and provide an opportunity to discuss present challenges and technical demands. Critical information will be provided to those who will lead tomorrow’s structural design and construction, including practicing engineers, government officials, and academics. An ACI Special Publication will be published.

**Requirements:** 1) presentation title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract of up to 300 words.

**Deadlines:** Abstracts are due by January 31, 2018; final papers are due by April 30, 2018.

**Send to:** Yail Jimmy Kim, University of Colorado Denver, e-mail: jimmy.kim@ucdenver.edu; and Junwon Seo, South Dakota State University, e-mail: junwon.seo@sdstate.edu.

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## Calls for Papers: Submission Guidelines

Calls for papers should be submitted no later than 3 months prior to the deadline for abstracts. Please send meeting information, papers/presentations being solicited, abstract requirements, and deadline, along with full contact information to: Keith A. Tosolt, Managing Editor, *Concrete International*, e-mail: keith.tosolt@concrete.org. Visit [www.callforpapers.concrete.org](http://www.callforpapers.concrete.org) for more information.