

Calls for Papers

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 for more information.

Concrete Repair, Rehabilitation, and Retrofitting

Meeting: 5th International Conference on Concrete Repair, Rehabilitation, and Retrofitting (ICRRR 2018), November 19-21, 2018, University of Cape Town, Cape Town, South Africa.

Solicited: ICRRR 2018 will focus on the increasingly important aspects in modern infrastructure provision and retention: appropriately repairing, maintaining, rehabilitating, and retrofitting existing infrastructure with a view to extending its life and maximizing its economic return. The ICRRR is intended to bring together academics, practicing engineers, and scientists from around the world to share knowledge and experience on current developments in the repair, rehabilitation, and retrofitting of concrete structures. Conference themes will include concrete durability; deterioration science; condition assessment; materials technology; concrete repair technology; rehabilitation and maintenance; retrofitting and strengthening; performance and health monitoring; and education, research, and specifications. Visit <http://icrrr.com> for more information.

Requirements: Abstracts should have a length between 200 to 300 words, must relate to the scope of the conference, and need to be written in clear English. Authors of accepted papers are expected to make oral presentations. Each speaker will be allotted 18 minutes, including Q&A.

Deadline: Abstracts are due by September 30, 2017.

Send to: hans.beushausen@uct.ac.za

Analytical Techniques Bringing Nanoscale to Bigger World

Meeting: Technical session on “Analytical Techniques Bringing the Nanoscale to the Bigger World” at The ACI Concrete Convention and Exposition – Fall 2018, October 14-18, 2018, in Las Vegas, NV; sponsored by ACI Committees 236, Material Science of Concrete, and 241, Nanotechnology of Concrete.

Solicited: Abstracts are invited for a technical session concerning analytical techniques to examine and improve our understanding of cement and concrete at the nanoscale. Demonstrating the methods and substantiating the value of characterizing concrete at the smallest scale will improve awareness and enable transfer of nanotechnologies into industry practice. Selected abstracts will demonstrate intent to focus on the application of a specific analytical method to understand and examine the promising effects of applied nanomaterials and nanoscale characteristics. Presentations will serve both scientific and practical audiences.

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

Deadline: Abstracts are due by November 3, 2017.

Send to: Peter Stynoski, US Army ERDC-CERL, e-mail: peter.b.stynoski@usace.army.mil; and Sean Monkman, CarbonCure Technologies, e-mail: smonkman@carboncure.com.

Notable Concrete in Salt Lake City and Vicinity

Document: “Notable Concrete in Salt Lake City and Vicinity” will be a compendium of concrete projects in and nearby Salt Lake City for e-publication in conjunction with The ACI Concrete Convention and Exposition – Spring 2018, March 25-29, 2018, in Salt Lake City, UT; compiled by ACI Committee 124, Concrete Aesthetics, and cosponsored by the Intermountain Chapter – ACI and American Institute of Architects Utah Chapter. This compendium also will be available as an electronic file on the ACI website, and may be excerpted in *Concrete International*. Images submitted will be stored and available as electronic files on the ACI website and may be used in ACI educational and promotional materials. Exceptional images may merit placement on the cover of *Concrete International*.

Solicited: Image and brief description of notable concrete (cast-in-place, precast, post-tensioned, FRP, masonry, tilt-up, or more) in all types of uses: buildings, monuments, pavement, silos, bridges, crypts, furniture, retaining walls, utility poles, tanks, sculpture, culverts, plazas, and whatever else has caught your attention. Significance may be historic, aesthetic, sustainable, functional, structural, construction-related, unusual use or application, or simply personal affection.

Requirements: Name and location of submission; image (photograph, drawing, or sketch) that is not copyrighted; brief description that establishes significance and lists credits; and submitter’s name, title, organization, city and state, telephone, and e-mail address. Location information should include zip code. Submit all information in electronic format: image as JPG or TIFF file at least 1 MB (but no more than 4 MB); text in e-mail or MS Word document (120 words maximum).

Deadline: Submissions are due by December 1, 2017.

Send to: Michael J. Paul, Larsen & Landis, 11 W. Thompson Street, Philadelphia, PA 19125, mpaul@larsenlandis.com.

Phase Change Materials in Concrete

Meeting: Technical session on “Phase Change Materials in Concrete” at The ACI Concrete Convention and Exposition – Fall 2018, October 14-18, 2018, in Las Vegas, NV; sponsored by ACI Committees 236, Material Science of Concrete.

Solicited: Topics of the session will include influence of micro-encapsulated phase change materials (PCMs) on microstructure and strength of concrete; durability of cementitious composites containing phase change materials; energy efficiency of various phase change material carriers; and mitigating thermal cracking and thermal fatigue of concrete using phase change materials. Submitted papers

should address different types of carriers and working mechanisms of PCMs and the effects of PCMs on concrete properties, as well as details of PCM selection and field implementation. Applications of PCMs in building envelopes will also be considered.

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 December 31, 2017; final papers are due by July 1, 2018.

Send to: Hongyan Ma, Missouri S&T, e-mail: mahon@mst.edu.

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.

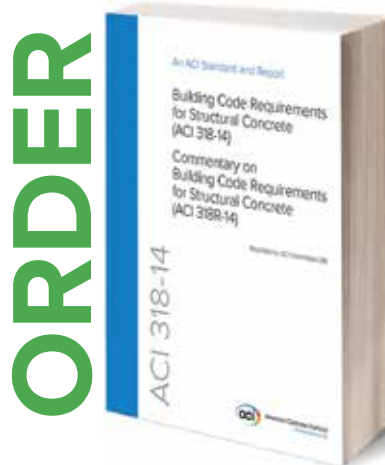
Solicited: These sessions will emphasize recent advances in the seismic analysis, design, and construction of concrete buildings and bridges. Presentations will encompass a variety of technical aspects, such as the refined analysis and assessment techniques of concrete members subjected to seismic loading, 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.

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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