

Calls for Papers

Fire and Flood Design, Performance, Mitigation and Strengthening for Concrete Bridges

Meeting: Technical session on “Fire and Flood Design, Performance, Mitigation and Strengthening for Concrete Bridges,” during The ACI Concrete Convention and Exposition – Fall 2019, Cincinnati, OH, October 20-14, 2019; sponsored by Joint ACI-ASCE Committee 343, Concrete Bridge Design, and ACI Committee 345, Bridge Construction and Preservation.

Solicited: Recent years have shown the potential vulnerability of concrete bridges to fire and flood hazards. Bridge fires can be caused by crashed or overturned vehicles, arson, or wildfire, while flooding can be due to coastal storm surge or inland riverine and flash events. While provisions for fire and flood safety are requirements for building design, essentially no such requirements exist for concrete bridges. The committees are soliciting presentations on topics related to design, performance, assessment, mitigation, rehabilitation, and strengthening of concrete bridges for such hazards. Academic, industry, and agency representatives will attend this session. A symposium special publication is planned.

Requirements: 1) presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail address; and 3) abstract of 300 words maximum on the topic selected, discussing the type of hazard presented, case study, performance evaluation, post-hazard assessment, design, or strengthening/rehabilitation.

Deadline: Abstracts are due by January 1, 2019.

Send to: Nur Yazdani, University of Texas at Arlington, Department of Civil Engineering, Box 19308, Arlington, TX 76019; e-mail: yazdani@uta.edu; phone: +1.817.272.0676.

Accelerated Bridge Construction

Meeting: 2019 National Accelerated Bridge Construction Conference: Including Automation, Service Life and Ultra-High Performance Concrete (UHPC), December 12-13, 2019, Miami, FL. Several workshops will be held on December 11, prior to the conference.

Solicited: The 2019 National Accelerated Bridge Construction Conference is co-sponsored by State Departments of Transportation, the Federal Highway Administration, and other bridge-related organizations.

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.

Abstracts are welcomed from bridge design engineers; consultants; fabricators; erectors; precasters; construction professionals; maintenance engineers; transportation officials; policymakers; marketing professionals; federal, state, and local agencies; city, county, and regional officials; industry suppliers; academicians; and bridge professionals on any aspect of bridge design, construction, or maintenance. Visit www.abc-utc.fiu.edu for conference topics.

Requirements: Those interested in giving a presentation at the conference should submit a one-page abstract at <https://abc-utc.fiu.edu/conference/call-for-abstracts/>. The authors of abstracts selected for presentation will have the option of submitting an extended abstract (minimum of 3 pages) or a full paper (maximum of 10 pages) for inclusion in the conference proceeding.

Deadline: Abstracts are due by January 18, 2019.

Contact: abc@fiu.edu.

The graphic features the ACI logo (a stylized 'aci' with a red and blue swoosh) and the text 'Career Center' in orange. To the right is a colorful tree-like structure composed of various icons representing different fields: a graduation cap, a globe, a pencil, a bicycle, a brain, a lightbulb, a magnifying glass, a hand cursor, a gear, a smiley face, a leaf, a microscope, and a flask. The background is white with a blue footer containing text and a Twitter icon.

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