

# Calls for Papers

## Bond and Development in New Types of Concrete and Reinforcement

**Meeting:** Technical session on “Bond and Development in New Types of Concrete and Reinforcement” during The ACI Concrete Convention and Exposition – Spring 2020, March 29-April 2, 2020, Chicago/Rosemont, IL; sponsored by Joint ACI-ASCE Committee 408, Bond and Development of Steel Reinforcement.

**Solicited:** Recent developments in concrete technology and reinforcement materials have improved the structural performance, durability, and sustainability of reinforced concrete. The use of alternative types of concrete and/or reinforcement may affect the bond characteristics of reinforcing bars and, consequently, their development and lap-splice requirements. This session will present recent advances in the characterization of bond and development in new types of concrete and reinforcement, which may include (but are not limited to) ultra-high-performance concrete, fiber-reinforced concrete, self-consolidating concrete, high-strength steel, corrosion-resistant reinforcement, and shape-memory alloy bars. The committee is soliciting presentations on experimental and analytical studies on this topic.

**Requirements:** 1) presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail address; and 3) abstract of up to 250 words, and optionally one relevant figure.

**Deadline:** Abstracts are due July 15, 2019.

**Send to:** Juan Murcia-Delso, University of Texas at Austin, [murcia@utexas.edu](mailto:murcia@utexas.edu); and Remy Lequesne, University of Kansas, [rlequesne@ku.edu](mailto:rlequesne@ku.edu).

## High-Strength, High-Performance, and Better Resilient Concrete for Bridges

**Meeting:** Transportation Research Board (TRB) 99th Annual Meeting, January 12-16, 2020, Washington, DC.

**Solicited:** TRB Standing Committee AFF30, Concrete Bridges, is seeking studies and example applications of leveraging the synergistic structural and durability effects of advanced materials for enduring bridges in the next century of TRB. Visit [www.TRB.org/AnnualMeeting](http://www.TRB.org/AnnualMeeting) for more information.

**Requirements:** To submit a paper, visit the paper submission page: [www.editorialmanager.com/trr/default.aspx](http://www.editorialmanager.com/trr/default.aspx).

### 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](mailto:keith.tosolt@concrete.org). Visit [www.callforpapers.concrete.org](http://www.callforpapers.concrete.org) for more information.

When submitting, indicate the Call for Papers title if you want your paper to be associated with a call.

**Deadline:** Papers are due by August 1, 2019.

**Contact:** Direct questions to Sam Fallaha, [sam.fallaha@dot.state.fl.us](mailto:sam.fallaha@dot.state.fl.us).

## Full and Partial Depth Precast Deck Panels

**Meeting:** TRB 99th Annual Meeting, January 12-16, 2020, Washington, DC.

**Solicited:** TRB Standing Committee AFF30, Concrete Bridges, is seeking studies and example applications of full and partial depth precast deck panels.

**Requirements:** To submit a paper, visit the paper submission page: [www.editorialmanager.com/trr/default.aspx](http://www.editorialmanager.com/trr/default.aspx). When submitting, indicate the Call for Papers title if you want your paper to be associated with a call.

**Deadline:** Papers are due by August 1, 2019.

**Contact:** Direct questions to Sam Fallaha, [sam.fallaha@dot.state.fl.us](mailto:sam.fallaha@dot.state.fl.us).

## Seismic Bridge Engineering Research, Analysis, and Design

**Meeting:** TRB 99th Annual Meeting, January 12-16, 2020, Washington, DC.

**Solicited:** TRB Standing Committee AFF50, Seismic Design and Performance of Bridges, is accepting submission of papers related to the seismic analysis, design, performance, and inspection of bridges.

**Requirements:** To submit a paper, visit the paper submission page: [www.editorialmanager.com/trr/default.aspx](http://www.editorialmanager.com/trr/default.aspx). When submitting, indicate the Call for Papers title if you want your paper to be associated with a call.

**Deadline:** Papers are due by August 1, 2019.

**Contact:** Direct questions to Elmer E. Marx, [elmer.marx@alaska.gov](mailto:elmer.marx@alaska.gov).

## Data Fusion of Nondestructive Evaluation Techniques to Evaluate Corrosion in Reinforced Concrete Elements

**Meeting:** TRB 99th Annual Meeting, January 12-16, 2020, Washington, DC.

**Solicited:** The TRB Corrosion Committee (AHD45) is soliciting papers regarding the data fusion of nondestructive evaluation techniques to identify and evaluate corrosion in reinforced concrete structures, such as bridge decks, abutments, and girders. Corrosion of structural materials has been proven to significantly impact the service life of structures and can lead to expensive maintenance needs in the future. When left undiagnosed, corrosion can lead to significant safety concerns. A suite of nondestructive

evaluation techniques has been applied in the recent decades with varying degrees of success in characterizing corrosion.

**Deadline:** Full manuscripts are due by August 1, 2019.

**Send to:** TRB manuscript website, [www.trb.org/GetInvolvedwithTRB/GetInvolvedSubmitaPaper.aspx](http://www.trb.org/GetInvolvedwithTRB/GetInvolvedSubmitaPaper.aspx).

## Laboratory Safety for Construction Materials Testing

**Meeting:** Workshop on Laboratory Safety for Construction Materials Testing, December 10, 2019, Houston, TX; sponsored by ASTM International Committee D04, Road and Paving Materials.

**Solicited:** The purpose of this workshop is to provide information and a forum for discussion on best practices regarding implementing and maintaining a laboratory safety program. For more information, visit [www.astm.org/D04WorkshopCFPDec2019](http://www.astm.org/D04WorkshopCFPDec2019).

**Requirements:** To participate in the workshop, authors must submit the title and 300-word abstract of the presentation.

**Deadline:** Abstracts are due by August 2, 2019.

**Send to:** Workshop Chair Maria Knake, [mknake@aaashtoresource.org](mailto:mknake@aaashtoresource.org).

## Testing and Inspection of Offshore and Marine Structures

**Meeting:** Technical session on “Testing and Inspection of Offshore and Marine Structures” at The ACI Concrete Convention and Exposition – Fall 2020, October 25-29, 2020, in Raleigh, NC; sponsored by ACI Committee 357, Offshore and Marine Concrete Structures.

**Solicited:** Offshore and marine structures present special testing and inspection challenges due to their difficult accessibility and lack of visibility below water. This session would highlight various conventional and emerging techniques that can be used for offshore and marine structures. Potential topics for the session include, but are not limited to, special challenges associated with the testing and inspection of offshore and marine structures, testing and inspection during construction, QA/QC of offshore and marine structures, testing and inspection of in-service offshore and marine structures, conventional testing and inspection techniques for offshore and marine structures, and emerging testing and inspection techniques for offshore and marine structures.

**Requirements:** 1) paper title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract not exceeding 300 words.

**Deadlines:** Abstracts are due by August 15, 2019; authors will be notified of the acceptance by October 15, 2019.

**Send to:** Mohammad S. Khan, High Performance Technologies, Inc. (HPTech), email: [mkhan@hptech-inc.com](mailto:mkhan@hptech-inc.com).

## UHPC and Emerging Concrete

**Meeting:** BEI International Symposium on UHPC and Emerging Concrete (BEI-UHPC), June 22-25, 2020, National University of Singapore, Singapore.

**Solicited:** The main theme of BEI-UHPC is “Advances in Concrete Engineering.” The technical program will comprise plenary lectures, parallel sessions, and exhibitions concerning ultra-high-performance concrete (UHPC) and emerging concrete.

**Requirements:** Visit [www.beibridge.org](http://www.beibridge.org) for more information.

**Deadline:** Abstracts are due by October 31, 2019.

**Contact:** Conference Secretariat Yongcheng Ji, e-mail: [bei\\_institute@outlook.com](mailto:bei_institute@outlook.com).

## Undergraduate Research on Concrete Materials, Structural Design, or Construction

**Meeting:** Technical session on “Undergraduate Research on Concrete Materials, Structural Design, or Construction” during The ACI Concrete Convention and Exposition – Spring 2020, March 29-April 2, 2020, Chicago/Rosemont, IL; cosponsored by ACI Committee S805, Collegiate Concrete Council, and the ACI Student and Young Professional Activities Committee.

**Solicited:** Undergraduate students are invited to submit an abstract describing their concrete-related research. Research described in an abstract should be work conducted predominately by undergraduate students. Presentations are to be made by undergraduate students. Graduate students who conducted research while an undergraduate are also welcome to submit an abstract. Presentations on concrete materials, structural design, construction, or other concrete-related issues are all welcome. A Special Publication is planned.

**Requirements:** Submit the following in a single PDF document: 1) presentation title; 2) abstract of no more than one-half page; 3) presenter’s first and last name, title if any, affiliation, mailing address, phone, and e-mail; 4) each co-author’s first and last name, title if any, affiliation, mailing address, phone, and e-mail; 5) research faculty advisor’s first and last name, title if any, affiliation, mailing address, phone, and e-mail; 6) a statement by the research faculty advisor confirming that the research was conducted predominately by the undergraduate student(s); and 7) a statement by the research faculty advisor confirming that the presenter will be able to attend the convention in Rosemont, IL.

**Deadline:** Abstracts are due by November 31, 2019.

**Send to:** Bjorn Erik Vors, University of Saskatchewan, 57 Campus Drive, Saskatoon, SK, S7N 5A9, Canada; e-mail: [bev318@mail.usask.ca](mailto:bev318@mail.usask.ca).