

Calls for Papers

International Deep Mixing Conference

Meeting: Seventh International Deep Mixing Conference, June 15-18, 2020, Gdańsk, Poland, sponsored by the Deep Foundations Institute (DFI).

Solicited: The technical program will include presentations on all aspects of deep mixing technology and research. Topics will include, but are not limited to, laboratory mixing and material testing, properties of treated soil materials, analyses and design procedures, field testing and performance monitoring, quality control and assurance, environmental mixing and related research, liquefaction mitigation with mixing, and mixing equipment and construction technologies.

Requirements: Those interested in publishing a paper or presenting a panel discussion are invited to submit abstracts of not more than 300 words to www.dfi.org/DM2020.

Deadline: Abstracts are due by June 24, 2019.

Contact: Send questions regarding submissions to Angie Gibble, events@dfi.org.

Decorative Concrete Technology and Application

Meeting: Third China International Conference on Decorative Concrete Technology and Application, in late September 2019, Xi'an, China; sponsors include China Concrete and Cement Products Association and ACI.

Solicited: The China International Conference on Decorative Concrete Technology and Application promotes global cooperation and communication regarding decorative concrete technology. Topics of interest include, but are not limited to, application of UHPC in decorative concrete; decorative concrete in prefabricated buildings, urban landscape construction, and furniture craftwork; development trends and sustainable development of processing, equipment technology, construction regulations, and quality control of decorative concrete; application of raw materials, admixtures, and surface protectants; mold and osmosis imaging technology in decorative concrete; three-dimensional (3-D) printing technology; and innovative application of reinforced materials. Visit www.cdca21.com for more information.

Requirements: The submitted paper must be the author's original work, without plagiarism. The text and pictures of the paper should not involve country and enterprise secrets and intellectual property disputes. The paper should have clear, fluent writing, with clear illustrations and conclusions. Send electronic papers to the designated e-mail. Add "The 3rd China International Conference on Decorative Concrete Technology and Application" to the header in the upper right corner of each page.

Deadline: Papers are due by June 30, 2019.

Send to: cdca2015@126.com.

Notable Concrete in Cincinnati and Vicinity

Document: Compendium of notable concrete in Cincinnati and vicinity for e-publication at The ACI Concrete Convention and Exposition – Fall 2019, October 20-24, 2019, Cincinnati, OH; compiled by ACI Committee 124, Concrete Aesthetics. The document also will be available as an electronic file on the ACI website and may be excerpted in *Concrete International*. Images submitted may 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 (including cast-in-place, precast, post-tensioned, masonry, and tilt-up) 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 historical, aesthetic, sustainable, functional, structural, construction-related, unusual use or application, or simply personal affection.

Requirements: 1) project name and location, including postal code; 2) image (photograph, drawing, or sketch) that is not copyrighted; 3) brief description that establishes significance and lists credits; and 4) submitter's name, title, organization, city, province or state, telephone, and e-mail address. Submit all information in electronic format: image as JPG or TIF file at least 1 MB (but no more than 4 MB); text in e-mail or as MS Word document (120 words maximum). No PDF files, please.

Deadline: Materials are due by July 1, 2019.

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

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

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.

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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; and Remy Lequesne, University of Kansas, rlequesne@ku.edu.

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

Meeting: Transportation Research Board (TRB) Annual Meeting, January 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. An important lesson learned is the fact that no one technique can adequately evaluate corrosion. Thus, the goal of this session is to focus on combining different nondestructive techniques to address corrosion activity in reinforced concrete structures and not rely on a single nondestructive testing technique to investigate the state of corrosion.

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

Send to: TRB manuscript website, www.trb.org/GetInvolvedwithTRB/GetInvolvedSubmitaPaper.aspx.

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. Session topics will include, but are not limited to,

internal curing for concrete, material characterization, nondestructive testing, numerical analysis/multiscale modeling, techniques for concrete casting and curing, fiber-reinforced concrete, FRP-reinforced concrete, supplementary cementitious materials, design and innovation, durability, environmental impact, material sciences/mechanics of materials, life-cycle cost analysis, concrete construction, research and development, and structural applications.

Requirements: Visit 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.

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.