

Calls for Papers

Conceptual Design of Structures

Meeting: *fib* Symposium on Conceptual Design of Structures, September 26-28, 2019, Torroja Institute, Madrid, Spain; co-sponsored by the Spanish Association of Structural Engineering (ACHE).

Solicited: The technical program of the symposium will feature four sessions, each corresponding to a stage in the conceptual design process: Inspiration, Data Collection, Creativity, and Materialization. Each session will comprise a keynote lecture, plenary presentations of selected papers, an open debate with the audience, and a series of hands-on workshops leveraging state-of-the-art tools and methods.

Requirements: Authors are invited to submit original contributions on any topic related to the conceptual design of structures. Visit <http://37.35.109.41/conceptualdesign/introduction/> for more information.

Deadline: Abstracts are due by March 15, 2019.

Sustainability of Concrete Slabs

Meeting: ACI-*fib* Symposium: Sustainability of Concrete Slabs, during The ACI Concrete Convention and Exposition – Fall 2020, October 25-29, 2020, Raleigh, NC; sponsored by Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs, and *fib*.

Solicited: The symposium will focus on the design of concrete slabs to sustain satisfactory serviceability over a long life span. The goal is to develop a guide on the design of relatively thin slabs needing no repair over a service life exceeding 100 years. Papers addressing vulnerability of slabs to excessive deflection or punching are invited. Topics include shear and flexural reinforcements, prestressing, contracted life span, time-dependent deformations, cracking, permissible deflection, and thickness for preliminary design. An ACI Special Publication is intended.

Requirements: 1) presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail address; and 3) abstract of 150 words maximum.

Deadline: Abstracts are due by March 30, 2019.

Send to: Mustafa Mahamid, University of Illinois at Chicago, e-mail: mmahamid@uic.edu.

Ultra-High-Performance Concrete

Meeting: Fifth International Symposium on Ultra-High-Performance Concrete and High-Performance Construction Materials (HiPerMat 2020), March 10-12, 2020, Centre University of Kassel, Kassel, Germany.

Requirements: Prospective authors are invited to submit a detailed abstract of up to 300 words through the online submission system at www.hipermat.de.

Deadline: Abstracts are due by April 30, 2019.

Contact: hipermat@uni-kassel.de.

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 new types of concrete and reinforcement, which may include (but are not limited to) ultra-high-performance concrete, fiber-reinforced concrete, self-compacting 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.

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.



Collaborate.
Encourage.
Inspire.

Insight from peers; feedback from staff.

ACI Leadership Training
for Chapter Officers

May 20-21, 2019
ACI Headquarters

Contact Tosha.Holden@concrete.org
to register.

