

Calls for Papers

Research in Progress

Meeting: Two 2-hour technical sessions titled “Research in Progress” during the ACI Spring 2014 Convention in Reno, NV, March 23-27, 2014; sponsored by ACI Committee 123, Research and Current Developments.

Solicited: Short presentations (typically 15 minutes) in the area of concrete structures and materials related to any aspect of an ongoing research program highlighting the overall scope of the research, methods of investigation, test procedures, results, and conclusions to date. The purpose of this session is to offer authors/speakers an open forum for the presentation of recent technical information that does not fit into other sessions scheduled for this convention.

Requirements: 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstract up to 250 words. One relevant figure may be included. Please note that duplicate submissions to Research in Progress and Open Paper Session are not accepted.

Deadline: Abstracts must be submitted electronically no later than January 13, 2014. Authors/speakers will be notified of the review decision for acceptance by January 28, 2014.

Send to both: Kerry Hall, University of Southern Indiana, (812) 228-5074, khall@usi.edu; and Jeffrey Volz, University of Oklahoma, (405) 325-1489, volz@ou.edu.

Open Paper Session

Meeting: Two 2-hour technical sessions titled “Open Paper Session” during the ACI Spring 2014 Convention, Reno, NV, March 23-27, 2014; sponsored by ACI Committee 123, Research and Current Developments.

Solicited: Previously unpublished information from completed studies on any aspect of structural analysis, concrete materials science, structural design, construction, manufacturing, use, and maintenance of concrete structures and products. The purpose of this session is to offer authors/speakers an open forum for presentation of recent technical information that does not fit into other sessions scheduled for this convention. Typical presentation time is 18 to 20 minutes.

Requirements: 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstract of up to 250 words. One relevant figure may be included. Please note that duplicate submissions to Research in Progress and Open Paper Session are not accepted.

Deadline: Abstracts must be submitted electronically no later than January 13, 2014. Authors/speakers will be notified of the review decision for acceptance by January 25, 2014.

Send to both: Eric Giannini, University of Alabama, (205) 348-0785, ergiannini@eng.ua.edu; and Piotr Paczkowski, Parsons Brinkerhoff, (813) 520-4406, paczkowski@pbworld.com.

Nanotechnology in Construction

Meeting: The Fifth International Symposium on Nanotechnology in Construction (NICOM5), May 24-26, 2015, Chicago, IL.

Solicited: Potential topics for the NICOM5 symposium illustrate the broad potential for application of nanotechnology to challenging problems involving construction materials, such as production, functionalization, and performance of nanomaterials; properties of construction materials at the nanoscale and relation of these parameters to materials performance at the macroscale; instrumentation, techniques, and metrology for nanoscale investigation of construction materials; nanomodification of construction

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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*, 38800 Country Club Drive, Farmington Hills, MI 48331; fax: (248) 848-3150; e-mail: Keith.Tosolt@concrete.org. Visit www.callforpapers.concrete.org for more information.

materials, including functional films and coatings; and nanotechnology for high-strength and high-performance materials.

Requirements: For more information, visit www.nicom5.org.

Deadline: Abstracts are due by January 15, 2014.

Contact: K. Sobolev, University of Wisconsin-Milwaukee, sobolev@uwm.edu; S.P. Shah, Northwestern University, s-shah@northwestern.edu.

Acceptance Standards and Recommended Design Practice for the Bond of Pre-Tensioned Prestressing Strands

Meeting: Technical sessions and a special publication titled "Acceptance Standards and Recommended Design Practice for the Bond of Pre-Tensioned Prestressing Strands" at the ACI Spring 2015 Convention, April 12-15, 2015, Kansas City, MO; cosponsored by Joint ACI-ASCE Committee 423, Prestressed Concrete, and ACI Committee 550, Precast Concrete. The SP will be available in CD format at the convention.

Solicited: Abstracts are invited on recent research targeting the development of testing standards for the bond of pre-tensioned prestressing strand, minimum threshold values for bond capacities as measured by various testing methods, and the design implications discovered by recent research. Other topics include applied research and design recommendations; the development of testing methods to measure and assure the bondability of steel prestressing strands, such as the development of the ASTM A1081-12 Test Method and other testing methods; the effects of variations in concrete mixtures including changes in proportioning and constituent materials (including lightweight aggregates) and the influence of various admixtures; the effects of self-consolidating concrete; and the effects of cross-section properties, reinforcement details, and other structural components.

Requirements: 1) Presentation/paper title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, fax, and e-mail; and 3) an abstract of 150 to 300 words outlining the objectives, contents, and findings. Submissions should be sent by e-mail as a Word file or PDF attachment.

Deadlines: Abstracts are due by February 5, 2014. Authors will be notified of acceptance on or before March 5, 2014. Full-length papers will be due by June 11, 2014.

Send to: Bruce W. Russell, Oklahoma State University, bruce.russell@okstate.edu; or Tess Ahlborn, Michigan Tech University, tess@mtu.edu.

Istanbul Bridge Conference 2014

Meeting: Istanbul Bridge Conference 2014, August 11-13, 2014, Istanbul, Turkey.

Solicited: The technical program will focus on new developments in bridge design and construction. The main topics will be advances in bridge construction techniques; recent developments in bridge design codes; designing and constructing against extreme events such as earthquake and wind; sustainable bridge designs with a focus on durability; lessons learned from past failures of bridges; bridge computer technology and analysis; condition assessment of aging bridges; evaluation of bridge bearings, isolation systems, dampers, and expansion joints; and understanding the construction stage analysis.

Requirements: Submit abstracts online at <http://istanbulbridgeconference.org/submissions/abstract>.

Deadline: Abstracts are due by February 7, 2014.

Improving Early-Age Properties of Concrete with SCMs

Meeting: Technical session on "Improving Early-Age Properties of Concrete with SCMs" at the ACI Fall 2014 Convention, October 26-30, 2014, Washington, DC; sponsored by ACI Committee 231, Properties of Concrete at Early Ages.

Solicited: Increasing focus on global warming and environmental sustainability has prompted much industry research on the increased use of supplementary cementitious materials (SCMs) as a partial replacement of portland cement in concrete. Using higher SCM volumes in concrete often results in practical early-age field application issues such as extended initial set, very slow early-strength development, excessive bleeding, and poor hydration kinetics. Presentations are invited on research, case studies, and mixture trials that deal with overcoming early-age field issues with these SCM mixtures. Possible topics include but are not limited to: mixture proportioning modification, ternary mixtures, high-volume fly ash, natural pozzolans, chemical admixtures, use of limestone fines and/or portland limestone cements, early-age concrete properties, set time, heat of hydration, and test methods and analysis.

Requirements: 1) Presentation title; 2) author/speaker name(s), title, organization, mailing address, telephone number, and e-mail; and 3) summary of presentation content.

Deadline: Abstracts sent by e-mail are due by February 17, 2014.

Send to: Wayne Wilson, Holcim (US), Inc., wayne.wilson@holcim.com; and Jussara Tanesi, FHWA-SES Associates, jussara.tanesi.ctr@dot.gov.

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Design and Construction Challenges of Atypical RC Columns

Meeting: Technical session on “Design and Construction Challenges of Atypical RC Columns” at the ACI Fall 2014 Convention, October 26-30, 2014, Washington, DC; sponsored by Joint ACI-ASCE Committee 441, Reinforced Concrete Columns.

Solicited: The increase in demand for taller buildings, longer span bridges, and longer service imposed challenges on engineers. The focus of the presentations for this session will be on the analysis, design, and construction of atypical RC columns. Topics include, but are not limited to, using FRP as the main reinforcement in longitudinal and lateral directions, abrupt changes in the column cross section within the column length, special types of concrete to address specific needs during construction or service life of the column, atypical structural geometry that leads to complicated load demand on the column, and columns under unconventional loads such as blast and impact (collision) loading.

Requirements: 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstract of up to 250 words. One relevant figure may be included.

Deadline: Abstracts are due by February 24, 2014.

Send to: Elias Saqan, American University, Dubai, UAE, esaqan@aud.edu; and Asad Esmaily, Kansas State University, asad@ksu.edu.

In-Situ Transport Measurements

Meeting: Technical session on “In-Situ Transport Measurements” at the ACI Fall 2014 Convention, October 26-30, 2014, Washington, DC; sponsored by ACI Committees 228,

Nondestructive Testing of Concrete, and 236, Materials Science.

Solicited: Testing methods carried out in the field on as-placed concrete,

rather than laboratory-based procedures, will be the focus of the session. Methods based on mechanisms of diffusion, permeability, and absorption are

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Or write: Burgess Pigment Company, PO Box 349, Sandersville, GA 31082.



email: info@optipozz.com



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preferred. Presentations regarding measurement techniques, data interpretation given varying site conditions, and incorporation into construction specifications are encouraged.

Requirements: 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstract of up to 250 words. One relevant figure may be included.

Deadline: Abstracts must be submitted electronically no later than March 1, 2014. Authors/speakers will be notified of the review decision for acceptance by August 15, 2014.

Send to: Michelle Nokken, m.nokken@concordia.ca; or Andrew Boyd, andrew.boyd@mcgill.ca.

Decorative Concrete Innovations

Meeting: Technical session on “Decorative Concrete Innovations that Span the Globe” at the ACI Fall 2014 Convention, October 26-30, 2014, Washington, DC; sponsored by ACI Committee 310, Decorative Concrete.

Solicited: Speakers are invited to submit abstracts for

25-minute presentations on decorative finishes discussed in ACI 310R, Guide to Decorative Concrete. Anticipated topics include how to achieve a great polished concrete finish; the art of using multilayer stencils; the ins and outs of stamping and texturing; reactive stains, colored dyes, and integral color combinations that impress; and sealing and curing decorative concrete.

Requirements: 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstracts of 100 words or less. In addition to a synopsis of the proposed topic(s), the abstract should outline the speaker’s qualifications and work experience with the subject finishing technique. Abstracts should tell prospective attendees what they will learn during the program and how the topic relates to the materials and methods covered by ACI 310R.

Deadline: Abstracts are due by March 17, 2014.

Send to: Larry Rowland, Lehigh White Cement, 610-366-4645, lrowland@lehighcement.com.

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The following are some of the courses that have recently been added to the program:

- Introduction to the Concrete Repair Code (ACI 562)
- Design Example: Buried Concrete Basement Wall
- ACI 445.I, Report on Torsion in Structural Concrete: Chapters 8 and 9

In addition, the program includes courses on the following topics:

- Cracking
- Slabs
- Foundations
- Aggregates
- Reinforcement
- Cementitious materials
- Admixtures
- Repair
- Shoring
- Cold Weather Concrete
- Core Testing
- Shotcrete



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