

Calls for Papers

Construction Materials and Structures

Meeting: The 1st International Conference on Construction Materials and Structures (ICCMATS), November 26-28, 2014, in Johannesburg, South Africa; organized by the University of Johannesburg in conjunction with Harbin Institute of Technology, China.

Solicited: The conference is focused on research, structural, and industrial or engineering applications involving cement, concrete, bitumen, steel, masonry, and timber. The main conference topics include materials and characterization; performance and service life of structures; durability of construction materials; and sustainability and the environment. Go to www.iccmats-wits.co.za for more information.

Requirements: Abstracts of 150 to 300 words are invited, outlining the objectives, contents, and findings. It should include the title, lead author names, affiliation, and e-mail/phone/fax. Submissions should be sent by e-mail as Word or PDF attachment.

Deadline: Abstracts are due by November 22, 2013.

Send to: confer@iccmats-uj.co.za.

Sustainable Performance of Concrete Bridges

Meeting: Technical session on "Sustainable Performance of Concrete Bridges and Elements Subjected to Aggressive Environments: Monitoring, Evaluation, and Rehabilitation" at the ACI Fall 2014 Convention, October 26-30, 2014, in Washington, DC; co-sponsored by ACI Committees 201, Durability of Concrete, and 345, Concrete Bridge Construction, Maintenance, and Repair; and Joint ACI-ASCE Committee 343, Concrete Bridge Design.

Solicited: The special session will emphasize the sustainable performance of concrete bridges and their elements when subjected to aggressive environments. Presentations will include a variety of technical aspects, such as durability of concrete members, performance monitoring technologies, evaluation methodologies, damage assessment, and structural rehabilitation. Both experimental and analytical investigations are of interest. The session brings to light recent research findings and provides an opportunity to discuss present challenges and technical issues. Critical information is given to those who lead tomorrow's bridge design and construction, including practicing engineers, government officials, and academics. An ACI Special Publication will be published.

Requirements: 1) Presentation/paper title; 2) author/speaker name(s), title, organization, mailing address,

telephone number, fax, and e-mail; and 3) abstract of 200 words.

Deadlines: Abstracts are due by November 30, 2013; final papers are due by April 30, 2014.

Send to: Yail Jimmy Kim, University of Colorado-Denver, jimmy.kim@ucdenver.edu; Baolin Wan, Marquette University, baolin.wan@marquette.edu; and Isamu Yoshitake, Yamaguchi University, yositake@yamaguchi-u.ac.jp.

Concrete Sustainability

Meeting: 2014 International Concrete Sustainability Conference, May 12-15, 2014, Boston, MA; sponsored by the National Ready Mixed Concrete Association. The 2014 International Concrete Sustainability Conference is being held in conjunction with the MIT Concrete Sustainability Hub Showcase.

Solicited: Researchers, academics, students, engineers, architects, contractors, public works officials, material suppliers, and concrete industry professionals are invited to present and attend the conference. Suggested topics include the latest developments related to design, specifying, manufacturing, testing, construction, maintenance and research of concrete as it relates to sustainability and the themes of life-cycle assessment, low-impact development, green concrete, new concrete technology, sustainability initiatives, and functional resilience.

Requirements: Submit abstracts online at www.ConcreteSustainabilityConference.org.

Deadline: Abstracts are due by November 30, 2013.

Superplasticizers and Other Chemical Admixtures

Meeting: 11th International Conference on Superplasticizers and Other Chemical Admixtures in Concrete, July 12-15 2015, Ottawa, ON, Canada; sponsored by the Committee for the Organization of International Conferences and cosponsored by ACI, University of New Brunswick, Université de Sherbrooke, and University of Toronto.

Solicited: Original papers on all aspects of superplasticizers and other chemical admixtures are invited to be presented at the conference, and to be included in the refereed proceedings. Papers on ongoing research also will be accepted for presentation, and will be published in a separate volume of supplementary papers. Topics include, but are not limited to, chemistry of superplasticizers, compatibility issues involving superplasticizers and other chemical admixtures, viscosity-modifying admixtures, corrosion inhibitors, shrinkage-reducing admixtures, polymers, chemical admixtures and sustainable develop-

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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.

ment, and case histories. Go to www.intconference.org for more information.

Requirements: 1) Author name(s) and affiliation; 2) complete mailing address and fax number of all authors (if more than one); 3) if more than one author, please specify with whom to correspond; and 4) abstract submitted by e-mail.

Deadline: Abstracts are due by December 1, 2013.

Send to: Pierrette Veillette, Secretary/Treasurer, Committee for the Organization of International Conferences; e-mail: pierrette@intconference.org.

Recent Advances in Concrete Technology and Sustainability Issues

Meeting: 13th International Conference on Recent Advances in Concrete Technology and Sustainability Issues, July 14-17, 2015, Ottawa, ON, Canada; sponsored by the Committee for the Organization of International Conferences and cosponsored by ACI, University of New Brunswick, Université de Sherbrooke, and University of Toronto.

Solicited: Original papers are invited to be presented at the conference and to be included in the refereed proceedings. Papers on ongoing research also will be accepted for presentation, and will be published in a separate volume of supplementary papers. Topics include, but are not limited to, sustainability issues and CO₂ emissions; fly ash, slag cement, silica fume, and pozzolans; recycled aggregates; porous concrete/no-fines concrete; polymer concrete; new cementing materials; use of wood waste in concrete; shrinkage-compensating admixtures; and life-cycle design analysis/predictions. Go to www.intconference.org for more information.

Requirements: 1) Author name(s) and affiliation; 2) complete mailing address and fax number of all authors (if more than one); 3) if more than one author, please specify with whom to correspond; and 4) abstract submitted by e-mail.

Deadline: Abstracts are due by December 1, 2013.

Send to: Pierrette Veillette, Secretary/Treasurer, Committee for the Organization of International Conferences; e-mail: pierrette@intconference.org.

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 perfor-

mance of nanomaterials: nanoparticles, nanotubes, and novel polymers; investigation of the internal structure and 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 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.

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.