FIBER-REINFORCED CONCRETE—SMART MATERIALS AND SENSORS

Meeting: Technical session on “Fiber-Reinforced Concrete—Smart Materials and Sensors,” at the ACI Fall 2011 Convention, October 16-10, 2011, Cincinnati, OH; cosponsored by ACI Committees 236, Material Science of Concrete, and 544, Fiber Reinforced Concrete.

Solicited: Papers on advances in sensing capabilities of fiber-reinforced concrete (FRC) and FRC as a smart material are invited. Material suppliers, engineers, researchers, and scientists will benefit from this session. Subject to Technical Activities Committee approval, the committee is planning to print a symposium publication for sale at the convention.

Requirements: 1) Presentation title; 2) author/speaker name(s), title, organization, address, telephone, fax, and e-mail; and 3) abstract of 250 words or less submitted electronically.

Deadlines: Abstracts are due by November 15, 2010. Final papers are due by July 15, 2011.

Send to: Corina-Maria Aldea, AMEC Earth & Environmental, e-mail: corina.aldea@amec.com; and Konstantin Sobolev, University of Wisconsin-Milwaukee, e-mail: sobolev@uwm.edu.

IABSE-IASS SYMPOSIUM 2011


Solicited: This special Joint Annual Symposium of the International Association for Bridge and Structural Engineering (IABSE) and the International Association for Shell and Spatial Structures (IASS) is titled “Taller, Longer, Lighter,” with the added theme of “Meeting Growing Demand with Limited Resources” to reflect the sustainability challenge. Presentation topics include concepts and planning, design and construction, analysis and methods, materials and durability, saving energy and extending life, operation and maintenance, and instrumentation and monitoring.

Requirements: Participants wishing to present a paper should submit a one-page abstract in English using the template available at www.iabse-iass-2011.com. The abstract must be submitted via the link on the Web site. The subject must relate to the theme and topics or it will not be considered, and the specific topics addressed by the paper should be indicated.

Deadline: Abstracts are due by November 30, 2010.

Contact: IABSE, e-mail: secretariat@iabse.org.

CHEMICAL ADMIXTURES IN CONCRETE

Meeting: Tenth International Conference on Superplasticizers and Other Chemical Admixtures in Concrete, scheduled for October 2012, Prague, Czech Republic.

Solicited: Original papers on all aspects of superplasticizers and other chemical admixtures are invited for presentation and inclusion in the refereed proceedings. Papers on ongoing research will also be accepted for presentation and will be published in a separate volume of supplementary papers. Topics include, but are not limited to, the chemistry of superplasticizers; development and applications of superplasticizers; compatibility of superplasticizers with cements, blended cements, and aggregates; compatibility issues involving superplasticizers and other chemical admixtures; viscosity-modifying, shrinkage-reducing, and expansive admixtures; and corrosion. Visit www.intconference.org for more information on conference topics.

Requirements: 1) Author name(s) and affiliation; 2) complete mailing address and fax number of all authors; if more than one author, please specify with whom to correspond; and 3) either fax or e-mail 200-word abstract(s).

Deadlines: Abstracts are due by December 1, 2010. Draft manuscripts for review are due by October 30, 2011.

Send to: Pierrette Veillette, Secretary/Treasurer, Committee for the Organization of International Conferences; fax: (450) 659-3133; e-mail: pierrette.veillette@handy-chemicals.com.

CONCRETE TECHNOLOGY AND SUSTAINABILITY

Meeting: Twelfth International Conference on Recent Advances in Concrete Technology and Sustainability Issues, scheduled for October 2012, Prague, Czech Republic.

Solicited: Original papers on recent developments in concrete technology and sustainability issues are invited for presentation and inclusion in a volume of supplementary papers. Topics include, but are not limited to, sustainability issues and CO2 emissions; environmentally friendly concrete; recycled concrete aggregates; new repair, cementing, reinforcing, and grouting materials; lifecycle design analysis/predictions; high-performance lightweight concrete; and new construction methods. Visit www.intconference.org for more information on conference topics.
Calls for Papers

**Requirements:** 1) Author name(s) and affiliation; 2) complete mailing address and fax number of all authors; if more than one author, please specify with whom to correspond; and 3) either fax or e-mail 200-word abstract(s).

**Deadlines:** Abstracts are due by December 1, 2010. Draft manuscripts for review are due by October 30, 2011.

**Send to:** Pierrette Veillette, Secretary/Treasurer, Committee for the Organization of International Conferences; fax: (450) 659-3133; e-mail: pierrette.veillette@handy-chemicals.com.

**WORLD OF COAL ASH 2011 CONFERENCE**

**Meeting:** World of Coal Ash (WOCA) 2011 Conference, May 9-12, 2011, Denver, CO.

**Solicited:** The WOCA 2011 Conference is intended to provide a forum to discuss the science and applications for coal ash, and to transfer knowledge and ideas that will benefit its innovative use, handling, storage, and disposal. Suggested topics include concrete, cement, and grouts; emerging technologies; project-specific case studies; manufactured aggregates; fillers and ceramics; international perspectives; and disposal and waste issues. Visit www.worldofcoalash.org for a complete topic list.

**Requirements:** Submit abstracts online at www.worldofcoalash.org/presenters/submitabstract.html.

**Deadline:** Abstracts are due by December 3, 2010.

**Contact:** For submission inquiries, e-mail: wocasubmission@caer.uky.edu.

**NOTABLE CONCRETE IN TAMPA AND VICINITY**

**Document:** Compendium of notable concrete in Tampa and vicinity for publication at the ACI Spring 2011 Convention in Tampa, FL, April 3-7, 2011; compiled by ACI Committee 124, Concrete Aesthetics.

**Solicited:** Image and brief description of notable concrete—cast-in-place, precast, post-tensioned, FRP, masonry, tilt-up, etc.—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, functional, structural, construction-related, unusual use or application, or simply personal affection. The document will also be available as an electronic file on the ACI Web site. Images submitted may be used in ACI educational and promotional materials.

**Requirements:** 1) Name and location of submission; 2) image (photograph, drawing, or sketch) that is not copyrighted; 3) one- or two-sentence description that establishes significance; and 4) submitter’s name, title, organization, city and state, telephone, and e-mail.

Location information should be sufficient to enable discovery by reader. Submit all information in electronic format: postcard-size image as JPEG or TIFF file (300 x 450 pixels minimum), text in e-mail, or as an MS Word document.

**Deadline:** Submissions are due by December 10, 2010.

**Send to:** Michael J. Paul, Duffield Associates, 211 North 13th Street, Suite 704, Philadelphia, PA, 19107; telephone: (215) 545-7295; e-mail: mpaul@duffnet.com.

**2011 ASTM INTERNATIONAL SYMPOSIUM ON PERVIOUS CONCRETE**

**Meeting:** ASTM International Symposium on Pervious Concrete, December 4, 2011, Tampa, FL. Sponsored by ASTM Committee C09, Concrete and Concrete Aggregates, the symposium will be held in conjunction with the committee’s December 4-7 standards development meetings.

**Solicited:** The symposium is being held to discuss the importance of having testing standards for a segment of the industry that has been placing pervious concrete for more than 30 years in the U.S. It will provide a forum for presenting data collected on pervious projects relating to fresh concrete properties, hardened properties, durability, permeability, and mixture design alternatives. Topics include, but are not limited to, surface durability; use and intention of ASTM C1701/C1701M-09, “Standard Test Method for Infiltration Rate of In Place Pervious Concrete,” for field permeability; density and voids of freshly delivered material; use of admixtures to improve pervious attributes; and correlations of field cores to ASTM C1688/C1688M-08, “Standard Test Method for Density and Void Content of Freshly Mixed Pervious Concrete.”

**Requirements:** Submit a 250- to 300-word abstract online at www.astm.org/C09symp1211.htm.

**Deadlines:** Abstracts are due by January 4, 2011; notification of acceptance by March 4, 2011.

**Contact:** Visit the symposium home page on the ASTM Web site, www.astm.org/C09symp1211.htm, for more information. For additional technical information, contact Co-Chairs Heather J. Brown, MTSU/Concrete Industry Management Program, telephone: (615) 904-8060, e-mail: hjbrown@mtsu.edu; and Matthew Offenberg, W.R. Grace & Co., telephone: (404) 379-0258, e-mail: matthew.offenberg@grace.com.

**RAPID NDT OF BRIDGE DECKS**

**Meeting:** Technical session on “Rapid Nondestructive Testing (NDT) of Reinforced Concrete Bridge Decks—From Theory to Practice,” at the ACI Fall 2011 Convention, October 16-20, 2011, Cincinnati, OH; sponsored by ACI Committees 228, Nondestructive Testing of Concrete, and 342, Evaluation of Concrete Bridges and Bridge Elements.
Solicited: Papers on existing and emerging NDT technologies and techniques for high-speed and automated data collection techniques for the condition assessment of reinforced concrete bridge decks are invited. Case studies that provide valuable information and lessons on the application of these technologies are encouraged. Subject to Technical Activities Committee approval, the committees are planning to publish a symposium publication.

**Requirements:** 1) Presentation title; 2) author/speaker name(s) and nickname(s), title, organization, address, telephone, fax, and e-mail; and 3) an abstract of 250 words or less.

**Deadlines:** Abstracts are due by February 1, 2011. Final papers are due by October 1, 2011.

**Send to:** Jeffrey Smith, Federal Highway Administration, 330 West Broadway, Frankfort, KY 40601; telephone: (502) 223-6763; fax: (502) 223-6735; e-mail: jeff.smith@dot.gov; or Jacob Bice, Structural Diagnostic Services, Walter P Moore, 1301 McKinney, Suite 1100, Houston, TX 77010; telephone: (713) 630-7300; fax: (713) 630-7396; e-mail: jnbice@walterpmoore.com.

**FABRIC FORMING**

**Meeting:** Structural Membranes 2011, the Fifth Conference on Textile Composites and Inflatable Structures, October 5-7, 2011, Barcelona, Spain.

Solicited: Preliminary session topics include computational methods for the analysis of tensile structures; environment and membranes; inflated structures from modular elements; membrane molds; and predictive models for mechanical properties of textiles.

**Requirements:** One-page abstracts in PDF format can be submitted via the conference Web site, http://congress.cimne.upc.es/membranes2011.

**Deadline:** Abstracts are due by February 13, 2011.

**Contact:** For more information, e-mail: membranes@cimne.upc.edu.

**SLAB ANALYSIS, DESIGN, AND SERVICEABILITY**

**Meeting:** Technical session on “Recent Development in Reinforced Concrete Slab Analysis, Design, and Serviceability” at the ACI Fall 2011 Convention, October 16-20, 2011, Cincinnati, OH; sponsored by Joint ACI-ASCE Committee 421, Design of Reinforced Concrete Slabs.

Solicited: Reinforced concrete slabs have a complex behavior and are vulnerable to different types of failures. In designing slabs, provisions for shear, shear reinforcement requirements, and moment transfer at the support are areas of continuing research. Also, serviceability issues are important to the designers, especially with the advancement in materials used in concrete. As concrete slabs are the most widely used floor systems, it is essential to highlight the recent advancements in the analysis and design of this system. This session focuses on the recent developments, research, practical analysis and design issues, and serviceability issues encountered in studies performed on reinforced concrete slabs and in practice.

**Requirements:** 1) Presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone number, and e-mail; and 3) abstract of 500 words or less.

**Deadlines:** Abstracts are due by February 14, 2011. Final papers are due by July 11, 2011.

**Send to:** Mustafa Mahamid, GRAEF, telephone: (312) 582-2025; fax: (312) 939-7014; e-mail: mustafa.mahamid@graeusa.com; and Mahmoud Kamara, PCA, telephone: (847) 972-9012; fax: (847) 582-0644; e-mail: MKamara@cement.org.