Calls for Papers

3-D Time-Dependent Numerical Analyses of Concrete Structures

Meeting: Technical session titled "3-D Time-Dependent Numerical Analyses of Concrete Structures" at the ACI Spring 2015 Convention, April 12-15, 2015, Kansas City, MO; sponsored by ACI Committee 209, Creep and Shrinkage in Concrete, and ACI Subcommittee 209-D, Numerical Methods and 3-D Analyses.

Solicited: The modeling of creep-sensitive concrete structures is a demanding and computationally intensive task. In particular, during design, a sequence of construction stages and load combinations has to be investigated by sophisticated time-dependent 3-D analysis techniques. It is essential for the long-term performance and reliability assessment of structures to accurately capture the time-dependent deformability of concrete and, thus, the interaction of sequences in loading and changes in the structural system. During service life, different challenges associated with changes of use, potentially observed damage, and an increased availability of monitoring information have to be met for performance assessment. The aim of this technical session is to collect the most advanced formulations, models, and numerical methods to provide guidance for the future use of rate type models in both structural design and detailed analyses. A special publication is planned.

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

Deadline: Abstracts are due by April 4, 2014.

Send to: Roman Wendner, BOKU Vienna, Peter-Jordanstr 82, Vienna, 1190, Austria; e-mail: roman.wendner@boku.ac.at.

Concrete Block Pavement

Meeting: 11th International Conference on Concrete Block Pavement, September 9-11, 2015, in Dresden, Germany, organized by the German Road and Transportation Research Association (FGSV) and Technische Universität Dresden, Institute of Pavement Engineering.

Solicited: The objective of this conference will be to discuss and promote the technical and scientific progress of recent developments/issues in the design and construction of block pavements worldwide. Main topics will include road construction, pavement design, landscape design, innovations and research, ecological aspects, maintenance, and production technology and material. The languages of the conference are English and German with simultaneous translation.

Visit www.fgsv.de for more information.

Requirements: Submit abstract (maximum 350 words), paper application form, and author's biography.

Deadline: Abstracts are due by May 1, 2014.

Inquiries to: Frohmut Wellner, Professor, Technische Universität Dresden, Institute of Pavement Engineering, D-01062 Dresden/Germany; e-mail: iccbp2015@mailbox.tu-dresden.de.

Notable Concrete in Washington, DC, and Vicinity

Document: Compendium of notable concrete in Washington, DC, and vicinity for publication at the ACI Fall 2014 Convention in Washington, DC, October 24-30, 2014; compiled by ACI Committee 124, Concrete Aesthetics, and cosponsored by the ACI National Capital Chapter and the American Institute of Architects DC Chapter. This document will also be available as an electronic file on the ACI website and may be excerpted in *Concrete International*. Images submitted will 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 (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, sculptures, 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) Name and location of submission; image (photograph, drawing, or sketch) that is not copyrighted; 2) brief description that establishes significance and lists credits; and 3) submitter's name, title, organization, city and state, telephone, and e-mail address. Location information should include zip code. 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 (100 words maximum).

Deadline: Submissions are due by July 1, 2014.

Send to: Michael J. Paul, Built Form LLC, 304 Country Club Drive, Wilmington, DE 19803; e-mail: mjp@built-form2.com.

Investigation of Unexpected Performance and Properties of Cementitious Mixtures

Meeting: Workshop on Methods for Investigation of Unexpected Performance and Properties of Cementitious Mixtures, December 7, 2014, in New Orleans, LA, during

Calls for Papers

ASTM International's December 2014 Committee Week; sponsored by ASTM Subcommittee C09.48, Performance of Cementitious Materials and Admixture Combinations.

Solicited: As concrete and related mixtures become more complex, with multiple and/or unfamiliar cementitious materials and chemical admixtures, prediction of performance and properties becomes more challenging. Unexpected trends are experienced more frequently, and resolution is often elusive. Both plastic and hardened mixture properties may be affected, and may include development of initial workability and/or workability retention, setting characteristics, abnormal or rapid early stiffening, inadequate or higher than expected strength development, air entrainment, volume change, bleeding, and finishability. The objectives of this workshop are to present case history examples of unexpected performance and properties that have been observed in such mixtures and methods that were useful in evaluating and understanding them; consider and generate dialogue on the extent to which various standard methods and standard practices such as those based on paste or mortar mixtures can be useful in understanding such behavior and leading to resolution of problematic trends, and present new approaches and methods or modifications to existing tests or practices that have been productively used toward these ends.

Requirements: Potential presenters are invited to submit a title and abstract of 500 words or less on specific experiences and/or research or method development that supports these objectives. Identify the presenter(s) who will attend the workshop and will present.

Deadline: Abstracts are due by August 31, 2014.

Send to: Workshop Co-Chair Tim Cost, Holcim US Inc., e-mail: tim.cost@holcim.com.

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; e-mail: Keith.Tosolt@concrete.org. Visit www.callforpapers.concrete.org for more information.

NEW! ACI PHYSICAL TESTING OF CEMENT TRAINING VIDEO (EDPTCT13)

To supplement on-the-job training, ACI has developed the **ACI Physical Testing of Cement Training Video** as a resource for new testers and a refresher for experienced testers. The following tests are included:

- ASTM C109 – Compressive Strength
- ASTM C151 – Autoclave Expansion
- ASTM C185 – Air Content
- ASTM C187 – Normal Consistency
- ASTM C191 – Vicat Time of Setting
- ASTM C204 – Blaine Fineness
- ASTM C266 – Gillmore Time of Setting
- ASTM C1437 – Flow of Mortar

Additionally, the video includes a review of safety, equipment, and the laboratory environment. Each chapter reviews the equipment specific to the ASTM test, the test procedure to follow, and the calculation of the result. Helpful tips are provided throughout to improve the technicians' knowledge and technique.

Check out a preview clip on YouTube; search for "ACI testing cement training preview."

Details can be found at www.concrete.org; search the bookstore for "EDPTCT13."

American Concrete Institute