CONCRETE PILES IN MARINE STRUCTURES IN SEISMIC REGIONS

Meeting: Technical session on “Recent Advances in the Design of Prestressed Concrete Piles in Marine Structures in Seismic Regions” at the ACI Spring 2012 Convention, March 18-22, 2012, in Dallas, TX. ACI Committee 543, Concrete Piles, is the main sponsor of this session; cosponsors include ACI Committee 357, Offshore and Marine Concrete Structures, and Joint ACI-ASCE Committee 423, Prestressed Concrete.

Solicited: The objective of this session is to present the latest procedures and experimental evidence related to the study of slenderness effects on pile capacity; design and detailing of pile-deck connections; development of fragility functions for pile-deck connections; ductility evaluation; multi-axial loading effects; shear and torsional response; interaction with soil; serviceability design; and strengthening/rehabilitation of prestressed concrete piles in piers, wharves, and marine infrastructure subjected to lateral loads stemming from either seismic activity or the berthing/mooring of vessels.

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

Deadlines: Abstracts are due by July 18, 2011; final papers are due by December 17, 2011.

Send to: Carlos E. Ospina, Berger ABAM, 800 Gessner Rd., Suite 1280, Houston, TX, 77024; telephone: (832) 384-7820; fax: (832) 384-7801; e-mail: carlos.ospina@abam.com.

RESEARCH IN PROGRESS

Meeting: Half-day technical session on “Research in Progress” during the ACI Fall 2011 Convention, October 16-20, 2011, in Cincinnati, OH; sponsored by ACI Committee 123, Research and Current Developments.

Solicited: Short presentations (typically 12 to 14 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 an open forum for 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, and e-mail; and 3) abstract of 250 words or less. One relevant figure may be included, but is not required.

Deadlines: Authors will be notified of abstract acceptance by September 26, 2011.

Send to: Anton Schindler, Auburn University, 234 Harbert Engineering Center, Auburn, AL 36849, telephone: (344) 844-6263, e-mail: schinak@auburn.edu; or George Grygar, TXI Lightweight Aggregates, 10717 Dimple Dell Dr., Sandy, UT 84092-4818, telephone: (303) 819-4410, e-mail: ggrygar@txi.com; and/or W. Jason Weiss, Purdue University, G-215 Civil Engineering Building, 550 Stadium Mall Dr., West Lafayette, IN 47907-2051, telephone: (765) 494-2215, e-mail: wjweiss@ecn.purdue.edu.

ECONOMICS, PERFORMANCE, AND SUSTAINABILITY OF INTERNALLY CURED CONCRETE

Meeting: Three 2-hour technical sessions (approximately 12 papers) on “The Economics, Performance, and Sustainability of Internally Cured Concrete” at the ACI Fall 2012 Convention, October 21-25, 2012, in Toronto, ON, Canada. The session is co-sponsored by ACI Committees 130, Sustainability of Concrete; 213, Lightweight Aggregate and Concrete; and 231, Concrete Properties at Early Ages.

Solicited: Technical papers that discuss and evaluate the economics, performance, and/or sustainability of internal curing in various concrete applications are invited. Specific topics may include, but are not limited to, mixture proportioning, internal curing methods and implementation, microstructural impacts, hydration behavior, time-dependent behavior, mechanical properties, volume change, cracking tendency, life-cycle cost analysis, impact on sustainability, durability aspects, and case studies that document the use of internal curing in full-scale production applications.

Requirements: 1) Paper/presentation title; 2) author/speaker name(s), job title, organization, mailing address, telephone, and e-mail; and 3) abstract of 300 words or less.

Deadlines: Abstracts are due by August 31, 2011; final papers are due by December 15, 2011. Authors/speakers will be notified of the review decision for acceptance by September 26, 2011.

Send to: Thomas Schumacher, University of Delaware, telephone: (302) 831-4559, e-mail: schumact@udel.edu; or Aleksandra Radlinska, Villanova University, telephone: (610) 519-7631, e-mail: aleksandra.radlinska@villanova.edu.

See the events calendar at www.concreteinternational.com for more listings.
REPAIR, REHABILITATION, AND RETROFITTING

Meeting: 3rd International Conference on Concrete Repair, Rehabilitation, and Retrofitting (ICCRRR 2012), September 5-7, 2012, Cape Town, South Africa; organized and co-chaired by the University of Cape Town and the University of the Witwatersrand (South Africa) in conjunction with the University of Leipzig.

Solicited: ICCRRR 2012 is dedicated to the work of Joost Walraven, who has made outstanding contributions to concrete research and technology throughout his career. Themes of the conference include concrete durability aspects; modern materials technology; concrete repair, rehabilitation, and retrofitting; repair methods, materials, and systems; performance and health monitoring; and education, research, and specifications.

Requirements: Prospective authors are invited to submit abstracts (300 words maximum) relating to the scope of the conference and written in clear English. Authors of accepted abstracts will receive instructions on the preparation of full-length papers. All submitted abstracts and papers will be fully peer reviewed by the International Scientific Committee. Accepted papers will be published in the conference proceedings and authors will be required to give an oral presentation at the event.

Deadlines: Abstracts are due by August 31, 2011; full papers are due by December 31, 2011.

Send to: Hans.Beushausen@uct.ac.za.

USE OF CHEMICAL ADMIXTURES IN SUSTAINABLE CONSTRUCTION

Meeting: Technical session on “Innovations in Chemical Admixture Technology as Related to Sustainability” at the ACI Spring 2012 Convention, March 18-22, 2012, in Dallas, TX. ACI Committee 212, Chemical Admixtures, is the sponsor of this session.

Solicited: Six 30-minute presentations focused on how new developments in chemical admixtures contribute to sustainable construction are planned. Data and project profiles should demonstrate how chemical admixtures reduce the environmental impact of concrete production and construction, produce innovative concrete for sustainable structures, and/or increase the service life of structures.

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

Deadlines: Abstracts are due by September 15, 2011; final presentations are due by January 31, 2012.

Send to: Brad Violetta, BASF Construction Chemicals, 23700 Chagrin Blvd., Cleveland, OH 44122; e-mail: bradley.violetta@basf.com.

CURRENT TRENDS IN TECHNOLOGY

Meeting: 2nd International Conference on Current Trends in Technology, December, 8-10, 2011, Nirma University, Ahmedabad, India; cosponsored by ACI.

Solicited: The Nirma University International Conference on Engineering (NUiCON) 2011 is a flagship event of the Institute of Technology. This multi-disciplinary event encompasses themes related to disciplines of computers, information technology, civil and chemical engineering, instrumentation and control, mechanical and electrical engineering, and electronics and communication. A track on concrete and structural engineering is included.

Requirements: Researchers, academicians, and professionals interested in presenting a paper at the technical sessions are invited to submit a full-length paper not exceeding six A4-size pages. Papers should...
Calls for Papers

be submitted as .doc or .pdf file as per the format specified. Papers must start with an abstract of about 250 words along with a maximum of five keywords. Papers should be uploaded at the Web site: www.nuicone.org/site/common/conference_home.php.

Deadline: Papers are due by September 30, 2011.

Contact: Inquiries on the civil engineering track can be sent to nuicone.ce@nirmauni.ac.in.

ENERGY MODELING OF CONCRETE AND MASONRY BUILDINGS

Meeting: Technical session on “Energy Modeling of Concrete and Masonry Buildings” at the ACI Spring 2012 Convention, March 18-22, 2012, in Dallas, TX. This session is sponsored by Joint ACI-TMS Committee 122, Energy Efficiency of Concrete and Masonry Systems, and ACI Committees 130, Sustainability of Concrete; and 236, Material Science of Concrete.

Solicited: Energy efficiency concerns are driving material selection decisions as designers and building developers embrace green building strategies like never before. The goal of this session is to educate designers and specifiers on the role of energy modeling in the design and material selection process, increase general awareness on the use of thermal mass in achieving high efficiency and net zero energy buildings, and identify opportunities for refinement and expanded use of appropriate modeling techniques. This session will review the design process as it relates to energy modeling tools and how thermal mass and construction system selection are integrated into the design process. The objective of the session is to identify modeling tools that integrate concrete and masonry construction into building design and analysis to achieve optimized energy efficiency. Case studies that address computer modeling programs and thermal mass are specifically requested. Papers that describe the energy modeling process, the tools/software used, and how and where the thermal mass was integrated into the design are requested.

Requirements: Speakers will deliver a 20- to 30-minute presentation during the session. A special publication is planned, so speakers willing to author papers will be given priority.

Deadlines: Abstracts are due September 30, 2011; final papers are due February 28, 2012.

Send to: Larry Rowland, Lehigh Cement Company, 7660 Imperial Way, Allentown, PA 18195; telephone: (610) 366-4645; fax: (610) 366-4638; e-mail: lrowland@lehighcement.com; and Steve Szoke, Portland Cement Association, 5420 Old Orchard Road, Skokie, IL 60077; telephone: (847) 972-9078; fax: (847) 972-9079; e-mail: SSzoke@cement.org.

Calls for Papers: Submission Guidelines

We recommend that notices of calls for papers be submitted to Concrete International at least 9 months (or sooner) prior to the prospective sessions. This timetable generally allows publishing of the notification in three issues of the magazine. 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, P.O. Box 9094, Farmington Hills, MI 48333-9094; fax: (248) 848-3150; e-mail: Keith.Tosolt@concrete.org. Visit www.callforpapers.concrete.org for more information.