

### ACI posts proposed changes to ACI 318-11 for public discussion

American Concrete Institute (ACI) Committee 318, Structural Concrete Building Code, is nearing completion of the latest edition of ACI 318-14, *Building Code Requirements for Structural Concrete and Commentary*. A draft is available for public review for a 45-day period. Interested parties are invited to read and provide comments no later than June 15, 2014. Review the ACI 318-14 draft through the Upcoming Standards page at <http://www.concrete.org/Publications/TechnicalDocuments/UpcomingStandards.aspx>. PCI is asking our members to pay particular attention to the new Chapter 26, "Construction Documents and Inspection Requirements." This new chapter could affect business operations.

Discussion should be emailed to [discussion@concrete.org](mailto:discussion@concrete.org) using the 318-14 comment form available on the Upcoming Standards webpage. Due to the volume of comments received, all comments must be submitted via the comment form to be considered by the committee. Please include the document number in the subject line. Public discussion and committee responses will be made available at a later time. The draft standard will become an official ACI standard after the discussion period closes and the committee responds to the discussion received. ACI 318-14 should be finalized and available for purchase by December 1, 2014. —Source: PCI

### New *fib* bulletin covers ILCA

*fib* Bulletin 71, "Integrated Life Cycle Assessment of Concrete Structures," is now available for purchase from the *fib* secretariat.

Concrete is, after water, the second most used material. The annual production of concrete in industrialized countries amounts to 1.5 to 3 tonnes (3.3 to 6.6 kip) per capita and is still increasing. This has significant effects on the environment. There is therefore an urgent need for more effective use of concrete in structures and in their assessment.

The objective of *fib* Task Group 3.7 was to define a methodology for the integrated life-cycle assessment of concrete structures, taking into account the essential aspects of sustainability, such as environmental, economic, and social aspects throughout the life of the concrete structure. The aim was to set up a basic methodology to assist the development of design and assessment tools focused on the sustainability of concrete structures within the whole life cycle.

Integrated life cycle assessment (ILCA) is an advanced approach that integrates different aspects of sustainability in one complex assessment procedure. The integrated approach is necessary to ensure that the structure will serve during the whole expected service life with maximum

functional quality and safety while environmental and economic loads are minimized. The effective application and quality of results depend on the availability of relevant input data obtained using a detailed inventory analysis based on specific regional conditions. The evaluation of the actual level of a concrete structure's total quality should be based on a detailed ILCA using regionally or locally relevant data sets.

—Source: *fib*

### 2014 Freyssinet Medals awarded

Freyssinet Medals were presented February 10, 2014, to Joost Walraven and Armando Rito at the fourth *fib* Congress and Exhibition in Mumbai, India. Awarded every four years during the *fib* Congress, the Freyssinet Medal is the highest distinction awarded by *fib*, given "in recognition of outstanding technical contributions in the field of structural concrete."

Walraven has been prominently involved in the work of the Euro-International Concrete Committee (CEB) and *fib* for well over two decades as head of the Dutch National Member group, member of CEB and then *fib* Presidium from 1992 to 2006, and president of *fib* from 2000 to 2002. He has been and continues to be a member of numerous *fib* Task Groups and Special Activity Groups. His most notable contribution in recent years has been as the convener of Special Activity Group 5, New Model Code. In this role he headed the development and drafting of the 2010 *fib* Model Code for Concrete Structures, which was approved by the *fib* General Assembly in 2011 and

published in 2013. Walraven has been awarded numerous honors and distinctions around the world, including the FIP Medal in 1998.

Rito introduced and developed several new bridge design concepts that were adopted as standards by Portuguese bridge designers. He was an expert member of the Project Team 2 EC2 Part 2: Concrete Bridges, member of *fib* Task Group 1.2 Bridges, and has published more than 70 papers and keynote lectures on the subject of bridge design and construction. Rito has been lauded through a number of international prizes and honors and was also awarded the FIP Medal in 1998.

—Source: *fib*

#### PROPOSED INTRODUCTION 577 DIES IN COMMITTEE

Proposed Introduction 577-A expired in committee on December 31, 2013. This bill would have amended the administrative code and the building code of New York City to limit the portland cement content of most concrete having compressive strength less than 14,000 psi (97 MPa) to a maximum of 500 lb/yd<sup>3</sup> (300 kg/m<sup>3</sup>). The change would have taken place on January 1, 2014.


—Source: Patrick Reardon, Portland Cement Association

## CRSI hires Pfanmiller as Southeast Region manager

The Concrete Reinforcing Steel Institute (CRSI) has hired David Pfanmiller as Southeast Region manager.

Before joining CRSI, Pfanmiller worked in the concrete construction industry for more than 30 years. Most recently, he was employed by the U.S. Army Corps of Engineers, where he served as a senior construction project manager at the U.S. Military Academy at West Point and in a similar position with the Corps in Alexandria, Va.

Pfanmiller holds a bachelor's degree in architecture from the University of Kansas. He takes over the position of Southeast Region manager from Steve Hawkins, who is serving as CRSI's vice president of Marketing.

—Source: CRSI 

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## Industry Calendar

### Events

For the most current information on events, visit <http://www.pci.org/events>.

<b>International Parking Institute Conference and Expo</b>	<b>June 1–4, 2014</b>
Gaylord Texan Resort & Convention Center, Grapevine, Tex.	
<b>Concrete Innovation Conference</b>	<b>June 11–13, 2014</b>
Hotel Royal Christiania, Oslo, Norway	
<b>ASTM International C-9 Spring</b>	<b>June 22–29, 2014</b>
Toronto, ON, Canada	
<b>American Institute of Architects</b>	<b>June 26–28, 2014</b>
Chicago, Ill.	
<b>Society for College and University Planning</b>	<b>July 12–16, 2014</b>
Pittsburgh, Pa.	
<b>10th <i>fib</i> International PhD Symposium in Civil Engineering</b>	<b>July 21–23, 2014</b>
Laval University, Quebec, QC, Canada	
<b>2nd FRC International Workshop on Fibre Reinforced Concrete</b>	<b>July 24–25, 2014</b>
Polytechnique Montreal, Montreal, QC, Canada	
<b>International Code Council Annual Conference</b>	<b>September 28– October 1, 2014</b>
Greater Fort Lauderdale Broward County Convention Center, Fort Lauderdale, Fla.	
<b>Deep Foundations Institute 2014 Annual Conference</b>	<b>October 21–24, 2014</b>
Marriott Marquis, Atlanta, Ga.	
<b>Greenbuild</b>	<b>October 22–24, 2014</b>
New Orleans, La.	