The Fifth North American Conference on the Design and Use of Self-Consolidating Concrete (SCC2013) will be held on May 12-15, 2013, Chicago, USA. We are pleased to announce that a one-day workshop on production, testing, and placement of SCC will be offered on May 15, 2013, in conjunction with the conference.

Workshop Goals

SCC is a fast growing and highly productive concrete technology that is increasingly being used to produce enhanced concrete products at a faster construction speed and reduced labor cost. Many agencies in the engineering community would like to use SCC but lack sufficient knowledge about proper SCC production, testing, and performance evaluation. This workshop, led by internationally renowned experts, is intended to provide essential and practical tools for engineers to implement SCC technology in the field and to build confidence in the production of cost-effective, safe, and consistently high-quality SCC.

Workshop Activities

The following activities are planned for the workshop:

1. A presentation on the latest applications, roles, and economic impacts of SCC in the concrete construction industry.
2. A lecture on material selection, mix proportioning, testing methods, and performance evaluation of SCC.
3. A full-scale, hands-on demonstration of SCC casting and testing at a field site.

Who Should Attend

Concrete producers and contractors, transportation agency engineers, structural and civil engineers, architects, material testing technicians, building officials and inspectors, specification writers, and civil engineering students.
**Tentative Format**

The workshop will begin with the planned presentations/lectures in a meeting room. The attendees will then move to a site to (1) observe a ready-mix truck discharging ready-mixed SCC into an intricate formwork, (2) watch the placement of SCC, and (3) watch or run a wide range of tests commonly used to characterize or qualify the SCC mixture (e.g., slump flow, J-ring, VSI, T-50, V-funnel, and others).

All participants are welcome to register and attend the conference activities before and/or after the workshop.

**Featured Speakers**

**Ara A. Jeknavorian, W.R. Grace, USA**

Dr. Jeknavorian has 39 years experience in the chemical industry and is currently a Research Fellow at W. R. Grace. He has conducted many studies on the performance of concrete materials and chemical admixtures and has developed numerous chemical and instrumental methods for troubleshooting cementitious systems. He is an inventor on 12 patents for concrete and masonry admixtures and has authored over 25 publications about the analytical chemistry of cementitious systems and chemical admixture applications for concrete. At the Sixth ANMET/ACI International Conference on Superplasticizers and Other Chemical Admixtures (Nice 2000), Ara received recognition for his outstanding contribution and achievements in the field of concrete admixture technology.

**Joseph A. Daczko, BASF Construction Chemicals, USA**

Mr. Daczko has 20 years of experience in the development and application of concrete construction materials and is currently a product manager at BASF Construction Chemicals, Cleveland, Ohio. He has published many technical papers and given numerous technical presentations on rheology and SCC. He has served as chairman of ACI 237 (Self-Consolidating Concrete) and is a member of ASTM C-9.47 (Self-Consolidating Concrete). In 2007, Mr. Daczko was awarded ACI’s Delmar Bloem Award for his leadership of ACI Committee 237 and was chosen by Concrete Construction magazine as one of the 10 most influential people in the concrete industry. He recently published a well-received new book, *Self-Consolidating Concrete: Applying What We Know*.

**Professional Development Hours**

This conference has been planned in accordance with Iowa Engineering and Land Surveying Examining Board (IELSEB) requirements for awarding professional development hours (PDHs).

**Registration**

The registration fee is $20 for those who also register for the SCC2013 conference. For all others, the fee is $100 before Feb. 25, 2013 and $150 before April 10, 2013. The fee includes lunch and break refreshments and transportation to the demonstration site. Attendees must register by April 10, 2013 at http://www.intrans.iastate.edu/events/scc2013/.

**Lodging**

A block of rooms is being held at the Westin Hotel, 909 North Michigan Avenue, Chicago, IL 60611, USA; Phone: (312) 943-7200; Website: http://www.starwoodhotels.com/westin/property/overview/index.html?propertyID=1030

**Workshop Organizing Committee**

Ara A. Jeknavorian (Chair), W.R. Grace
Joseph A. Daczko, BASF Construction Chemicals
William Palmer, Hanley Wood, LLC
Bruce Blair, Lafarge North America
Surendra P. Shah, Northwestern University
Kejin Wang, Iowa State University

**Sponsors**

W.R. Grace, USA
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*Please contact Kejin Wang (kejinw@iastate.edu) or Surendra P. Shah (s-shah@northwestern.edu) if you would like to join the workshop sponsors.*