

November 9, 2022
Scheman Continuing Education Building
Iowa State University
Ames, Iowa



Wednesday, November 9, 2022 BETTER CONCRETE CONFERENCE

7:30 a.m. Registration, First Floor, Scheman Building

Morning General Session – Benton Auditorium

- 8:00 Welcome
- 8:00 *An Economic Forecast for Concrete Construction*, David Zwicke, Portland Cement Association
- 8:45 *State of the Iowa Concrete Industry Address*, Greg Mulder, ICPA/IRMCA
- 9:15 **Break**
- 9:45 *QC/QA for Concrete: A Changing World*, Gordon Smith, CP Tech Center
- 10:15 *Engineers: Our Own Worst Enemy*, Sybil Ferrier, Construction Materials Testing (CMT)
- 10:45 ISU Student Presentations
- Internal Curing of UHPC using Natural Zeolite*, Maziar Kazemian
 - Identifying Concrete Plant Mixing Procedures for Electrically Conductive Concrete for the Iowa City Bus Stop Enhancement Project*, Md Lutfor Rahman
 - Field Instrumentation for Load-Induced Fatigue Damage of Concrete Pavement Systems Under Superloads*, Yongsung Koh

11:30 Lunch & 29th Annual Excellence in Concrete Awards Luncheon, Steve Mallicoat, presiding (Rooms 220-240)

Afternoon Concurrent Sessions

A1 Concrete Durability - Rooms 250-252

- 12:45 *Concrete Mixture Design*, Peter Taylor, CP Tech Center
- 1:05 *Best Construction and Maintenance Practice for Longterm Durability*, Dan King, CP Tech Center
- 1:45 *Connecting Durability and Sustainability*, Peter Taylor, CP Tech Center
- 2:15 **Ice Cream Break and door prize drawing of two \$100 gift cards. You must be present to win**

A2 Concrete Structures - Rooms 260-262

- 12:45 *New Trends in Concrete Structures*, Dr. Behrouz Shafei, ISU Civil, Construction & Environmental Engineering
- 1:15 *Alternatives for Steel Reinforcement*, Casey Mattson, Owens Corning
- 1:45 *Alternative Dowel Systems for Warehouse and Industrial Parking Lot Applications*, Scott Tarr, North Starr Concrete
- 2:15 **Ice Cream Break and door prize drawing of two \$100 gift cards. You must be present to win**

Afternoon General Session – Benton Auditorium – Project Showcase

- 2:30 Iowa project showcases
- ISU Pedestrian Bridge*, Jason Knipp, Henkel Construction, and Anthony Samuelson, Raker Rhodes Engineering
- 3:30 Adjourn

Conference Sponsors:

Iowa Chapter ACI
Iowa Department of Transportation
Iowa Concrete Paving Association
Iowa Ready Mixed Concrete Association
Iowa State University CCEE Department
National Concrete Pavement Technology Center