IOWA BETTER CONCRETE CONFERENCE

IOWA EXCELLENCE IN CONCRETE AWARDS
Thursday’s luncheon will feature the 26th annual Iowa Excellence in Concrete awards presentation by the Iowa Ready Mixed Concrete Association. The Excellence in Concrete awards recognizes individuals and companies who are moving the concrete industry forward with innovative ideas in the use of concrete for residential and commercial construction. Join us in congratulating the winners! To purchase a ticket for non-conference attendees, please see the registration page.

ACI IOWA CHAPTER ANNUAL MEETING & BANQUET
Wednesday, November 13th, the Iowa Chapter-ACI is holding its annual meeting at the Gateway Hotel, 2100 Green Hills Dr. Ames. The social hour will begin at 5:00 pm, followed by dinner at 6:00 and a business meeting at 7:00. Prospective & current members are encouraged to attend. (Ticket required) There will be a CCEE student poster competition for viewing and voting during the social hour.

REGISTER FOR CHAPTER MEETING AND CONFERENCE ONLINE:
https://intrans.iastate.edu/events/2019-better-concrete-conference/

EVENT INFORMATION:
THURSDAY, NOVEMBER 14, 2019
SCHEMAN BUILDING
IOWA STATE UNIVERSITY
AMES, IOWA
Wednesday, November 13, 2019
5:00 p.m. Social Hour, Gateway Hotel – South Prairie Room
   Student Poster Competition
6:00 p.m. Dinner
   Michael Schneider, ACI Past-President
7:00 p.m. Iowa Chapter-ACI Meeting

Thursday, November 14, 2019
7:30 a.m. Registration, First Floor, Scheman Building

Morning Session - Benton Auditorium
8:00 a.m. Welcome
8:00  
   Russian Airports; Mike Ayers, Global Pavement Consultants
8:45  
   National Veterans Memorial and Museum Construction Challenges;
   Mike Schneider, Baker Concrete Construction
9:30  Break
10:00 History of Slipform Pavement; Todd Hanson, Iowa Department of Transportation
10:45  
   ACI Award Winning Projects; Mike Schneider, ACI Past-President
   University of Iowa Visual Arts Building; Steve Heyne, Miron Construction
11:30 Lunch & 26th Annual Excellence in Concrete Awards Luncheon, Steve Mallicoat, presiding (2nd floor)

Afternoon Concurrent Sessions – Room 167-171
A1 Concurrent Session – Room 171
12:45  Concrete Durability Overview; Hamed Sadati, National CP Tech Center/ISU
1:30  Best Practices for Digital Design and Inspection of Concrete Paving Projects; Gabe Nelson, Snyder & Associates
2:15  Break

A2 Concurrent Session – Room 167
12:45  Opportunities for Concrete and Buildings to Contribute to Greenhouse Gas Reduction Targets;
   Jeremy Gregory, Massachusetts Institute of Technology
1:30  Impact of Manufactured Sand on Concrete Pavement Design Inputs, Construction, and Performance;
   Tara Cavalline, University of North Carolina - Charlotte
2:15  Break

B1 Concurrent Session – Room 171
2:30  Characterization of Cement Paste Structures Fabricated by Additive Manufacturing; Scott Jones, NIST
3:15 Using Non-Contact Ultrasonic Testing for Setting Time and Sawcut Initiation Time;
   Quang Tran, University of Illinois Champaign-Urbana
4:00 Concrete Sundaes in the Lobby

B2 Concurrent Session – Room 167
2:30 Colloidal Silica; Mallory Westbrook/David Harris, Intelligent-Concrete
3:15 Guidance for Increasing the Use of Recycled Concrete Pavement Materials;
   Tara Cavalline, University of North Carolina - Charlotte
4:00 Concrete Sundaes in the Lobby

4:00 Concrete Sundaes and door prize drawing of two $100 gift cards.  You must be present to win.

Adjourn

Conference Sponsors:
  Iowa Chapter ACI
  Iowa Department of Transportation
  Iowa Concrete Paving Association
  Iowa Ready Mixed Concrete Association
  Portland Cement Association
  Iowa State University CCEE Department
  National Concrete Pavement Technology Center