

TECHNOLOGY FORUM AGENDA
Hilton Sante Fe - Historic District
May 14-16, 2024
The event is in Mountain Daylight Time.

Tuesday – May 14, 2024

5:30 pm – 7:00 pm **Welcome Reception**

Wednesday – May 15, 2024

7:00 am – 8:00 am **Registration & Breakfast**

8:00 am – 8:10 am **Welcome & Overview**

Speaker: **Brian H. Green**, RPG, FACI, Senior Research Geologist & **CIC Chair**
Company: U. S. Army Corps of Engineers - Engineer Research & Development Center

8:10 am – 8:50 am

Technology Showcase: Instant Air Meter: Rapid Measurement of Air in Fresh Concrete

Speaker: **Jed C. Wilbur**, Engineer
Company: Create, LLC

8:50 am – 9:30 am

Presentation: RAMS Stadium: Innovations in Structural Design

Speaker: **Oscar R. Antommattei**
Company: Kiewit Engineering Group Inc.

9:30 am – 10:10 am

Presentation: *being confirmed*

Speaker:
Company:

10:10 am – 10:25 am

*****break*****

10:25 am – 11:05 am

Technology Showcase: New Sensor Technology

Speaker: **Marc Jolin**, Professor
Company: Laval University

11:05 am – 11:45 am

Technology Showcase: Why Durability Needs to Be Assessed on Site and How?

Speaker: **Roberto Juan Torrent**, PhD, Civil Engineer
Company: Materials Advanced Services

11:45 am – 11:55 am

CIC Project Updates

Speaker: CIC
Company:

- 12:00 pm – 1:00 pm *****Lunch*****
- 1:00 pm – 1:40 pm **Presentation: Current Landscape of Low-Carbon Concrete Materials**
Speaker: **Dean Frank**, Executive Director
Company: NEU – An ACI Center of Excellence for Carbon Neutral Concrete
- 1:40 pm – 3:00 pm **Low-Carbon Concrete Materials:** several different companies will provide **15-minute snapshots** of their alternative low-carbon materials. Presentations will focus on the technology; current scale of production; main benefits; product and code compliance and case studies of use.
- Individual presentations will be followed by a **Roundtable Discussion** moderated by **Dean Frank** and questions & answers with forum attendees.
- 3:00 pm – 3:15 pm *****Break*****
- 3:15 pm – 3:55 pm **Presentation: Innovation Solutions for Adoption of Low Carbon Concrete in the Codes**
Speaker: **Matthew Adams**, Assistant Professor
Company: New Jersey Institute of Technology
- 3:55 pm – 4:35 pm **Technology Showcase: TBD**
Speaker: **local speaker**
Company:
- 5:30 pm – 8:30 pm **Off-site Cocktail Hour & Dinner**
- Thursday – May 16, 2024**
- 7:00 am – 8:00 am **Registration & Breakfast**
- 8:00 am – 8:40 am **Case Studies: Missouri DOT I-70 Project**
Speaker: *to be confirmed*
Company:
- 8:40 am – 9:20 am **Technology Showcase: Incorporating New Materials into Design**
Speaker:
Company: Cary Kopczynski & Company, Inc.
- 9:20 am – 10:00 am **Presentation: Practical Applications of Artificial Intelligence in the Concrete Industry**
Speaker: **Kai Gong**
Company: Massachusetts Institute of Technology
- 10:00 am – 10:20 am *****Break*****

- 10:20 am – 11:00 am **Technology Showcase: TBD**
Speaker:
Company:
- 11:00 am – 11:40 am **Case Study: TBD**
Speaker:
Company:
- 11:40 am – 12:00 pm **Closing Remarks**
- 12:00 pm – 5:00 pm **Closed Business Meeting: Concrete Innovation Council**