

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: SoFi Stadium - Innovations in Structural Design

Speaker: **Walter Eggers**, Chief Bridge Engineer
Company: Kiewit Engineering Group Inc.

9:30 am – 10:10 am

Technology Showcase: Next-Generation Assessment of Concrete Structures Using Artificial Intelligence (AI)

Speaker: **Ali Khaloo**, PhD, CEO and Co-founder
Company: Aren, Inc.

10:10 am – 10:25 am

*****break*****

10:25 am – 11:05 am

Technology Showcase: Improving Sustainable Concrete Production Practices Using an On-Board Monitoring System of the Fresh Concrete Properties

Speaker: **Marc Jolin**, PhD, Eng, FACI
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: **Tricia G. Ladely**, PMP, Assistant Director
Company: ACI Foundation

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 technology owners 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.

Presentations from:

-  Carbon Limit – **Tim Sperry**, CEO/Founder
-  Fortera – **Craig W. Hargis**, PhD, VP Products
-  C-Crete Technologies – **Rouzbeh Savary**, PhD, Founder & President
-  Terra CO2 – **Michele Blackburn**, Commercial Director

Dean Frank will then moderate a **Roundtable Discussion** and open **Questions & Answers** segment with forum attendees.

3:00 pm – 3:15 pm *****Break*****

3:15 pm – 3:55 pm **Presentation: Innovative 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: DOT innovations**
Speaker: *to be confirmed*
Company:

- 8:40 am – 9:20 am **Presentation: Practical Applications of Artificial Intelligence in the Concrete Industry**
Speaker: **Kai Gong**, Assistant Professor
Company: Rice University
- 9:20 am – 10:00 am **Technology Showcase: Incorporating New Materials into Design**
Speaker: **Cary Kopczynski**
Company: Cary Kopczynski & Company, Inc.
- 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**