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: Creare, 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 Codes**
Speaker: **Matthew P. Adams**, PhD, FACI, Associate Professor
Company: John A. Reif, Jr. Department of Civil and Environmental Engineering, 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**

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**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**
8:40 am – 9:20 am  Presentation: A Material Science-Based and Data-Driven Approach Towards Sustainable and Durable Infrastructure  
Speaker: Kai Gong, Assistant Professor  
Company: Rice University

9:20 am – 10:00 am  Presentation: Reverse Engineering - The Power of Beginning with the End in Mind  
Speaker: Cary Kopczyski, PE, SE, FACI, FPTI, CEO & Senior Principal  
Company: Cary Kopczyski & 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