TECHNOLOGY FORUM AGENDA
Hilton Sante Fe - Historic District
May 14-16, 2024
The times listed are 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: **Pierre Siccardi, Product Analyst** *(presenting on behalf of Marc Jolin)*
Company: Command Alkon

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 – 1:25 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 – 3:15 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 – **Cuneyt Tas,** PhD, Principal Material Scientist
- Fortera – **Craig W. Hargis**, PhD, Vice President Products
- C-Crete Technologies – **Rouzbeh Savary**, PhD, Founder & President
- Terra CO2 – **Michele Blackburn**, Commercial Director
- Prometheus Materials – **Loren Burnett**, President & CEO

Dean Frank will moderate a Q&A segment with forum attendees and panelists.

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 Case Study: **Reducing Embodied Carbon without using Carbon Credits**
Speaker: *Prologis Nexus Project Team Representative*
Company: *being confirmed*

5:30 pm – 8:30 pm **Off-site Cocktail Hour & Dinner**
The Sunset Terrace
112 West San Francisco Street
Santa Fe, NM 87501

Thursday – May 16, 2024

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

8:00 am – 8:40 am   *Presentation: – an innovation case study from idea to practice*
Speaker: being confirmed
Company:

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 – 10:30 am   *****Break*****

10:30 am – 11:10 am   Presentation: **Revolutionizing Concrete Production with AI: Bridging the Gap Between Innovation and Application**
Speaker: **Sarah McGuire**
Company: Giatec Scientific, Inc.

11:10 am – 11:50 am   *Presentation: being confirmed*
Speaker:
Company:

11:50 am – 12:00 pm   **Closing Remarks**