

**AGENDA**  
**CONCRETE INNOVATION FORUM**  
**Hotel Clio - Denver, Colorado**  
**August 12-14, 2025**  
*Schedule is in Mountain Daylight Time.*

**Tuesday – August 12, 2025**

1:00 pm – 4:30 pm      **National Renewable Energy Laboratories Tour** (*Tour is Full*)  
5:30 pm – 7:00 pm      **Welcome Reception at the Fireside Restaurant & West Patio**

**Wednesday – August 13, 2025**

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

8:00 am – 8:05 am      **Welcoming Address**  
Speaker: **Ann M. Masek**, CAE, Executive Director  
Company: ACI Foundation

8:05 am – 8:10 am      **CIC Overview & Meeting Logistics**  
Speaker: **Lesley Ko**, PhD, Director (Cementitious & Sustainability Materials) & **CIC Chair**  
Company: Structural Technologies

8:10 am – 8:50 am      **Case Study: Moving an Invention from the Lab to the Market**  
Speaker: **Luna Lu**, Vice President of Industry Partnerships & Reilly Professor of Civil Engineering with courtesy appointment in Materials Engineering  
Company: Purdue University

8:50 am – 9:30 am      **Technology Showcase: Early Application of Biochar in Concrete through Stakeholder Education and Buy-in**  
Speakers: **David Shook**, PE, LEED, Associate Principal and Structural Engineer of Skidmore, Owings & Merrill and **Garrett Benisch**, Director of Development for Bioforcetech Corporation

9:30 am – 10:10 am      **Technology Showcase: Bioinspired Material Innovations**  
Speaker: **Wil V. Srubar III**, PhD, Deming Associate Dean for Innovation & Entrepreneurship, and Charles Victor Schelke Endowed Professor  
Company: University of Colorado - Boulder

10:10 am – 10:25 am      **\*\*\*Break\*\*\***

10:25 am – 11:05 am      **Presentation: Use Your Imagination to Start a Fire**  
Speaker: **John R. Hillman**, PE, SE, M.ASCE, Structural Engineer  
Company: Kiewit Engineering Group

- 11:05 am – 11:45 am    **Presentation: Using Activity Index of SCMs to Innovate**  
Speaker: **W. Jason Weiss**, PhD, Edwards Distinguished Chair in Engineering  
Company: Oregon State University
- 11:45 am – 11:50 am    **Address from ACI**  
Speaker: **Frederick H. Grubbe**, MBA, CAE, Executive Vice President  
Company: American Concrete Institute
- 12:00 pm – 1:00 pm    **\*\*\*Lunch\*\*\***
- 1:00 pm – 3:00 pm    **Panel Presentation hosted by NEx: An ACI Center of Excellence for Nonmetallic Building Materials, moderated by Celeste M. Stawiarska**, Marketing Manager of Nex  
Four technology owners will provide highlights of innovations or opportunities/needs related to the use of non-metals in concrete. Following the individual presentations we will have a moderated discussion/Q&A between the panel and Forum attendees.  
**Technology Snapshots (15 minutes each)**
- **Advances with Couplers for Fiber-Reinforced Polymer Bars** by **Alvin C. Ericson**, FCI, FPCI, Technical Consultant
  - **Current Sustainability Efforts in the Composites Industry** by **Danielle Kleinhans**, PhD, PE, FCI, Director of Engineering & Business Development for Mateenbar
  - **Siletie: Polymer Concrete Railroad Ties** by **Marco Antonio Kruger**, MBA, Precast Specialist & Project Engineer for Sileto
  - **PROXXIMA™ Polyolefin Thermoset Resin Systems: Enabling Breakthrough Performance in Composites for the Built Environment** by **Paul Taylor** of ExxonMobil
- 3:00 pm – 3:15 pm    **\*\*\*Break\*\*\***
- 3:15 pm – 3:55 pm    **Presentation: Structural Innovation – the Story of the Populus Hotel**  
Speaker(s): **Mere Hall, et. al.**  
Company: City of Denver
- 3:55 pm – 4:35 pm    **Technology Showcase: Reducing Clinker Content using Blended Type 1L Cements & Calcined Clays**  
Speaker: **Maria G. Juenger**, PhD, Professor and current ACI Vice President  
Company: University of Texas at Austin
- 5:30 pm – 8:30 pm    **On-site Cocktail Hour & Dinner**  
**Fireside Restaurant & Patio**

**Thursday – August 14, 2025**

7:00 am – 8:00 am	<b>Registration &amp; Breakfast</b>
8:00 am – 8:40 am	<p><b>Technology Showcase: Using Life Cycle Analysis to Compare Global Warming Potential of Low Carbon Mixes</b></p> <p>Speaker: <b>Jack Cove</b>, Founding Go-to-Market Company: Pathways</p>
8:40 am – 10:10 am	<p><b>Panel Presentation: Project Success Starts with Design Phase Collaboration</b></p> <p>Moderated by: <b>Patrick Frawley</b>, PE, Director of Quality Assurance for Central Concrete Supply Co., Inc.</p> <ul style="list-style-type: none"> <li>• Designer: <b>Matt Hopper</b>, Managing Principal, Chicago Office for Cary Kopczynski &amp; Company, Inc.</li> <li>• Developer/Ower: <b>Ken Leeds</b>, Director of Construction for BMC Investments</li> <li>• Contractor: <b>CJ Harvey</b>, Vice President, Operations for Haseldon Construction</li> </ul>
10:10 am – 10:20 am	<b>***Break***</b>
10:20 am – 11:00 am	<p><b>Presentation: Leveraging the National Laboratories for Innovation of the Cement and Concrete Industry</b></p> <p>Speakers: <b>John T. Kevern</b>, PhD, PE, F.ASCE, FACI, LEED AP, Senior Researcher for Cement and Concrete Resilience and <b>Ana Aday</b>, Research Engineer for Material Science. Company: National Renewable Energy Laboratory</p>
11:00 am – 11:40 am	<p><b>Technology Showcase: The Partanna Story - Development &amp; Use of MgO Activated Slag Concrete</b></p> <p>Speaker: <b>Kevin MacDonald</b>, PE, PhD, FACI Company: Beton Consulting Engineers LLC</p>
11:40 am – 12:00 pm	<p><b>Presentation: Current Outlook for the Advancement of Reduced-Carbon Technologies: Public vs. Private and Domestic vs. International Perspectives</b></p> <p>Speaker: <b>Charles K. Nmai</b>, PE, M.ASCE, FACI, NEU Board President &amp; Past ACI President Company: NEU – An ACI Center of Excellence for Carbon Neutral Technologies</p>
12:00 pm	<b>Adjourn</b>