MEETING AGENDA

1. Welcome and Attendee Introductions
2. Approval of Agenda
3. Approval of Fall 2019 meeting minutes from Cincinnati
4. TAC Report – Michael Brown
5. Spark Session – 5 presentations in 25 minutes
   a. Local Non-Proprietary UHPC Mix Designs – Kay Wille
   b. Carbon Nanotubes in UHPC – Vic Perry
   c. Multiscale Fiber Reinforcement in UHPC – Ravi Ranade
   d. Alternative Methods to Characterize Material Properties and Optimize Mix Designs – Cesario Tavares
   e. UHPC Link Slabs – Andy Foden
6. Membership update – Kennan Crane
7. Upcoming symposia and conferences
   a. 3rd ACF International Conference on UHPC Materials and Structures, Nanjing, China, Oct 29 – Nov 1, 2020
   b. BEI International Symposium on UHPC and Emerging Concrete (BEI-UHPC), Singapore, Dec 9-11, 2020
8. CRC Research – Carin Roberts-Wollmann
   a. 2019 CRC Research Proposals – Status Update
   b. 2020 CRC Research Proposal Process
   c. CRC Funded Project – Structural Response & Buckling Behavior of Slender UHPC Columns – Moustafa
9. Committee Priorities / Reports
   a. 239-C ETR on the Structural Design of UHPC – Vic Perry
   b. 239-D Materials & Methods of Construction with UHPC – Dominique Corvez
   c. 239-E Educational Outreach – Tess Ahlborn
   d. 239 UHPC Strategic Direction – Jimm Milligan
10. Test Methods for UHPC - Vic Perry
11. Presentation Sessions: Current and Future – Kay Wille
    a. Spring 2020 Rosemont – Unlocking UHPC Workability
    b. Fall 2020 Raleigh – UHPC: Making Connections
    c. Spring 2021 Baltimore
12. Key External UHPC-related Efforts
    a. CSA Bridge Design Standard – Katrin Habel and Vic Perry
    b. FHWA Development of Guide Specification for AASHTO – Ben Graybeal
    c. Other...
13. Collaborations
    a. International updates
    b. ACI Committee Liaison Reports
14. New business – (please inform chair prior to start of the meeting if you wish to add new business)
15. Adjourn – next meeting October 26, 2020 @ 3:30 pm in Raleigh, North Carolina

PARKING LOT: Student Competition (Milligan), Compilation of Research (El Helou), 239-A ETR (Crane)
Committee Meetings:

239 Ultra-High Performance Concrete  Monday 3:30p - 6:00p  Web Meeting
239-C Structural Design on UHPC  Monday 10:30a - 12:30p  Web Meeting
239-D Materials & Methods of Construction with UHPC  Monday 1:00p - 3:00p  Web Meeting
239-E Educational Outreach  Sunday 1:00p - 3:00p  CANCELED

Sessions:

Unlocking Workability Issues of UHPC, Part 1 of 2  MON, 8:30a to 10:30p  Grand H
- Rheological Properties of Ultra-high-performance Concrete – Weina Meng
- Correlation Between “Very Early” Age Fracture Performance and Evolution of Rheological Properties of High Performance Fiber Reinforced Cementitious Composites with Adapted Rheology – Liberato Ferrara
- Mixture Proportion, Workability, and Performance Evaluation of UHPC – Marllon Cook
- Rheological Properties of Ultra-High-Performance Concrete and its Viscosity Control for Application – Jianzhong Liu
- Rheology Evaluation for Slope Casting of Ultra-High-performance Concrete – Jae Hong Kim
- Using Resonant Acoustic Mixing to improve UHPC Workability – Kay Wille

Unlocking Workability Issues of UHPC, Part 2 of 2  MON, 1:00 to 1:00p  Grand H
- Particle-Scale Mechanisms and Rheological Response of Ultra-High-Performance Concrete – Narayanan Neithalath
- Achieving Higher Flowability for Ultra-High-Performance Fiber-Reinforced Concrete – Parham Aghdasi
- Evaluation of Static and Dynamic Flow of UHPC Prepared with Different Mix Proportions and Mixers – Jiong Hu
- Flowability of UHPC mixtures Made with and Without Vacuuming Mixing – Kejin Wang
- Effect of Ground Glass Particles on Rheological Behavior of Ultra-High-Performance Concrete (UHPC) – Aghiles Begriche

CANCELED