2019 Professors’ Workshop
DRAFT Schedule At-A-Glance

Monday, July 22, 2019
- Welcome, Intros, and Overview
- Introduction to Concrete
- BREAK
- Resources for Teaching
- Student Competitions
- LUNCH
- Mix Design
- Effective Teaching of RC Design
- Models for Teaching Structural Concrete
- NETWORKING BREAK
- Cement and Hydration
- CRSI Capstone Course
- SCMs
- Steel Reinforced Concrete Essentials

Tuesday, July 23, 2019
- Curing
- ACI 318-19 CH 19 and 26
- BREAK
- Resources for teaching
- Student Competitions (All Associations)
- LUNCH
- Aggregates
- Economical Concrete Structures
- Chemical Admixtures
- Preparing Students for Today’s Engineering Office
- NETWORKING BREAK
- Fresh Concrete Properties
- Software Modeling, Analysis, and Design
- Placing and Finishing Concrete

Wednesday, July 24, 2019
- Durability
- 3-D Printing
- BREAK
- Resources for Teaching
- ACI Tour
- Hardened Concrete Properties
- Accelerated Bridge Construction
- Performance-Based Design
- 100-Year Service Life
- NETWORKING BREAK
- Integrated Pavement Solutions
- ASBI Topic
- Concrete Pavement Overview
- Masonry

Thursday, July 25, 2019
- Sustainability
- Repair
- BREAK
- Navigating ACI 318-19
- Roundtable Discussion - Effective Teaching Methods
- Joint Layout & Design
- The PCI Design Handbook, 8th Edition
- Pavement Thickness Design
- Teaching Prestressed Concrete Design
- NETWORKING BREAK
- Mixture Design for Pavements
- PCI Design / Precast Plants
- Construction Methods
- Post-Tensioning

Friday, July 26
- Maintenance & Preservation
- Concrete Pavers
- Break
- Concrete Overlays
- Roller-Compacted Concrete
- LUNCH
- LUNCH
- LUNCH

Roundtable Discussion - Effective Teaching Methods
- Effective Teaching Methods
- Models for Teaching Structural Concrete
- Preparing Students for Today’s Engineering Office
- Integrated Pavement Solutions
- ASBI Topic
- Concrete Pavement Overview
- Masonry

Note: The schedule includes a variety of sessions on concrete topics such as curing, durability, and sustainability, as well as networking opportunities and lunch breaks throughout the week.