

COLOR KEY / TRACK

PLENARY
MATERIALS
STRUCTURES (Buildings & Bridges)
PAVEMENTS
LUNCH, BREAK, or RECEPTION

# 2019 Professors' Workshop

## DRAFT Schedule At-A-Glance

### Monday, July 22, 2019

8:00 AM		
8:30 AM	Welcome, Intros, and Overview	
9:00 AM		
10:00 AM	Introduction to Concrete	
10:20 AM	BREAK	
10:45 AM	Resources for Teaching	
11:10 AM		
11:20 AM	Student Competitions	
12:00 PM		
1:00 PM	LUNCH	
2:00 PM	Mix Design	Effective Teaching of RC Design
3:00 PM		Models for Teaching Structural Concrete
3:20 PM	NETWORKING BREAK	
4:10 PM	Cement and Hydration	CRSI Capstone Course
5:00 PM	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	
LUNCH	
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	
LUNCH	
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

8:00 AM		
8:30 AM	Maintenance & Preservation	
9:00 AM		
10:00 AM	Concrete Pavers	
10:20 AM	BREAK	
11:15 AM	Concrete Overlays	
12:00 PM	Roller-Compacted Concrete	
1:00 PM		
2:00 PM		
3:00 PM		
3:20 PM		
4:10 PM		
5:00 PM		