COLOR KEY / TRACK	VENUE
PLENARY	at CTLGroup
MATERIALS	in PCA East Classroom M-W, West Classroom TH
STRUCTURES (Buildings & Bridges)	in PCA West Classroom
PAVEMENTS	in PCA East Classroom
LUNCH, BREAK, or RECEPTION	(Venue as noted)

2018 PCA Education Foundation
Professors' Workshop
Teaching: Materials | Pavements | Structures

DRAFT Schedule At-A-Glance

	Monday, July 23, 2018	Tuesday, July 24, 2018	Wednesday, July 25, 2018	Thursday, July 26, 2018	Friday, July 27
8:00 AM					8:00 AM
8:30 AM	Welcome, Intros, and Overview	Aggregates / Modern Concretes	Shotcrete / Economical Design of Structures	Pavement Design Software Tools / ACI 318-14 CH 19 and 26	Concrete Overlays / 8:30 AM
9:00 AM					9:00 AM
10:00 AM	Introduction to Concrete	Chemical Admixtures / Structural Design by ACI 318-14	Codes and Standards	Performance-Based Specifications	Concrete Pavers / 10:00 AM
10:20 AM	BREAK	BREAK	BREAK	BREAK	BREAK (Library) / 10:20 AM
10:45 AM	Market Intelligence	Durability	Bridges: Teaching Resources National Concrete Bridge Council and FHWA Office of Bridges and Structures	The PCI Design Handbook, 8th Edition	Roller Compacted Concrete / 11:15 AM
11:10 AM	ACI (TBD)				
11:20 AM	3D Printing	CRSI Reinforced Concrete Building Capstone Course: An Overview	Philosophy of Engineering for the Burj Khalifa, the World's Tallest Tower	TOUR OF CTLGroup LABS	Paving Tools
12:00 PM					12:00 PM
1:00 PM	LUNCH (at CTLGroup)	LUNCH (at CTLGroup)	LUNCH (at CTLGroup)	LUNCH (at CTLGroup)	1:00 PM
2:00 PM	Mix Design / Effective Teaching of RC Design	Fresh Concrete Properties / Steel Reinforced ConcreteEssentials: Part 1	Integrated Pavement Solutions / Advanced Analysis and Design Concepts of Post-Tensioned Bridge Superstructures: Part 1	Mixtures for Pavements / Masonry	2:00 PM
3:00 PM	Models for Teaching Structural Concrete	Placing and Finishing Concrete / Steel Reinforced Concrete Essentials: Part 2	Concrete Pavement Overview	Construction Methods / Teaching Prestressed Concrete Design	3:00 PM
3:20 PM	NETWORKING BREAK (Library)	NETWORKING BREAK (StructurePoint)	NETWORKING BREAK (Library)	NETWORKING BREAK (Library)	3:20 PM
4:10 PM	Cement and Hydration / Strut-and-Tie Method Design by ACI 318-14	Curing / Software Modeling, Analysis, and Design	Concrete Pavement Overview (cont.) / Advanced Analysis and Design Concepts of Post-Tensioned Bridge Superstructures: Part 2	Maintenance & Preservation / PCI Design / Precast Plants	4:10 PM
5:00 PM	SCMs / Controling Cracking	Hardened Concrete Properties	Joint Layout & Design	Sustainable Pavements / PCI Big Beam	5:00 PM
6:00 PM		RECEPTION (PCA Courtyard)			6:00 PM
6:30 PM	RECEPTION (at the Hampton Inn)		DINNER & RECEPTION (Magianno's)		
7:00 PM					7:00 PM
7:30 PM					7:30 PM

Updated:4/12/18