



## Schedule At-A-Glance

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

### Monday, July 25, 2016

8:00 AM		
8:30 AM	<b>Welcome, Intros, and Overview</b>	
9:00 AM		
10:00 AM	<b>Introduction to Concrete</b>	
10:20 AM	<b>BREAK</b>	
11:20 AM	<b>Market Intelligence</b>	
12:00 PM	<b>Codes and Standards</b>	
1:00 PM	<b>LUNCH (at CTLGroup)</b>	
2:00 PM	<b>Mix Design</b>	<b>Effective Teaching of RC Design</b>
3:00 PM		<b>Models for Teaching Structural Concrete</b>
3:20 PM	<b>NETWORKING BREAK (Library)</b>	
4:10 PM	<b>Cement and Hydration</b>	<b>RC Teaching Aids</b>
5:00 PM	<b>SCMs</b>	<b>AASHTO LRFD Bridge Design Specs</b>
6:00 PM		
7:00 PM	<b>RECEPTION (at the Hampton Inn)</b>	
7:30 PM		

### Tuesday, July 26, 2016

<b>Aggregates</b>		<b>Bridge Loads &amp; Load Distribution</b>
<b>Chemical Admixtures</b>		<b>Structural Integrity</b>
<b>BREAK</b>		
<b>Sustainability</b>		
<b>Resiliency</b>		
<b>LUNCH (at CTLGroup)</b>		
<b>Fresh Concrete Properties</b>		<b>Steel Reinforced Concrete Essentials: Part 1</b>
<b>Hardened Concrete Properties</b>		<b>Steel Reinforced Concrete Essentials: Part 2</b>
<b>NETWORKING BREAK (StructurePoint)</b>		
<b>Placing and Finishing Concrete</b>		<b>Strut-and-Tie Method Design by ACI 318-14</b>
<b>Curing</b>		<b>Seismic Detailing</b>
<b>RECEPTION (at the Hampton Inn)</b>		

### Wednesday, July 27, 2016

<b>Fibers</b>		<b>Economical Design of Structures</b>
<b>Shotcrete</b>		<b>Teaching Prestressed Concrete Design</b>
<b>BREAK</b>		
<b>The Reorganized ACI 318-14 Code</b>		
<b>TOUR OF CTLGroup LABS</b>		
<b>Centennial Picnic</b>		
<b>Integrated Pavement Solutions</b>		<b>PCI Design Handbook &amp; PCI Bridge Design Manual</b>
<b>NETWORKING BREAK (Library)</b>		
<b>Concrete Pavement Overview</b>		<b>PCI Big Beam</b>
		<b>Virtual Precast Plant Tour</b>
<b>RECEPTION (at the Hampton Inn)</b>		

### Thursday, July 28, 2016

<b>AASHTO Pavement ME Overview</b>		<b>ACI 318-14 CH 19 and 26</b>
<b>Joint Layout &amp; Design</b>		<b>Performance-Based Specifications</b>
<b>BREAK</b>		
<b>Durability</b>		
<b>Philosophy of Engineering for the Burj Khalifa, the World's Tallest Tower</b>		
<b>LUNCH (at CTLGroup)</b>		
<b>Mixtures for Pavements</b>		<b>Modern Concretes</b>
<b>Construction Methods</b>		<b>Designing for Durability: 100+ Year Bridges</b>
<b>NETWORKING BREAK (Library)</b>		
<b>Maintenance &amp; Preservation</b>		<b>Masonry Design</b>
<b>MIT Concrete Sustainability Hub</b>		<b>Teaching - Open Discussion</b>
<b>RECEPTION (at the Hampton Inn)</b>		

### Friday, July 29, 2016

<b>Sustainable Pavements</b>		<b>Bridge Deck Design &amp; Fatigue</b>	8:00 AM
			8:30 AM
<b>Concrete Pavers</b>		<b>Structural Design by ACI 318-14</b>	9:00 AM
			10:00 AM
<b>BREAK (Library)</b>			10:20 AM
<b>Concrete Overlays</b>		<b>Accelerated Bridge Construction</b>	11:20 AM
<b>Paving Tools</b>			12:00 PM
			1:00 PM
			2:00 PM
			3:00 PM
			3:20 PM
			4:10 PM
			5:00 PM
			6:00 PM
			7:00 PM
			7:30 PM

Updated: 3/24/16