



STRUCTURES TRACK (*Buildings and Bridges*)

PCA, Skokie, IL
July 23-27, 2018

Monday, July 23, 2018

8:00 – 12:00	Plenary Sessions at CTLGroup	
12:00 – 1:00	Lunch (CTLGroup)	
1:00 – 2:00	Effective Teaching of Reinforced Concrete Design	Richard Miller
2:00 – 3:00	Models for Teaching Structural Concrete	Lawrence Novak
3:00 – 3:20	Networking Break (PCA Library)	
3:20 – 4:10	Strut-and-Tie Method Design by ACI 318-14	Lawrence Novak
4:10 – 5:00	Controlling Cracking	Robert Frosch
6:00 – 7:30	Reception at Hampton Inn	

Tuesday, July 24, 2018

8:00 – 9:30	Modern Concretes	Jack Gibbons
9:30 – 10:00	Structural Design by ACI 318-14	Lawrence Novak
10:00 – 10:20	Coffee Break (CTLGroup)	
10:20 – 12:00	Plenary Sessions at CTLGroup	
12:00 – 1:00	Lunch (CTLGroup)	
1:00 – 2:00	Steel Reinforced Concrete Essentials: Part 1	David Fanella
2:00 – 3:00	Steel Reinforced Concrete Essentials: Part 2	David Fanella
3:00 – 3:20	Networking Break (StructurePoint)	
3:20 – 5:00	Software Modeling, Analysis, and Design (StructurePoint)	StructurePoint
5:00 – 6:30	Reception at PCA (Courtyard)	



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Wednesday, July 25, 2018

8:00 – 9:00	Economical Design of Structures	Lawrence Novak
9:00 – 10:00	Plenary Sessions at CTLGroup	
10:00 – 10:20	Coffee Break (CTLGroup)	
10:20 – 12:00	Plenary Sessions at CTLGroup	
12:00 – 1:00	Lunch (CTLGroup)	
1:00 – 3:00	Demonstration of Web-based Prestressed Bridge Design: Part 1	Michelle Roddenberry
3:00 – 3:20	Networking Break (PCA Library)	
3:20 – 5:00	Demonstration of Web-based Prestressed Bridge Design: Part 2	Michelle Roddenberry
6:00 -8:00	Dinner & Reception at Magianno's	

Thursday, July 26, 2018

8:00 – 10:00	Dual Tracks: Materials and Paving	
10:00 – 10:20	Coffee Break (CTLGroup)	
10:20 – 11:00	Plenary Sessions at CTLGroup	
11:20 – 12:00	Tour of CTLGroup Laboratory Facilities	
12:00 – 1:00	Lunch (at CTLGroup)	
1:00 – 2:00	Masonry Design	Ece Erdogmus
2:00 – 3:00	Teaching Prestressed Concrete Design	Richard Miller
3:00 – 3:20	Networking Break (Library)	
3:20 – 4:10	PCI Design / Precast Plants	Richard Miller
4:10 – 5:00	PCI Big Beam	Richard Miller