



Technology Forum 43

March 1-2, 2018

The McCormick Scottsdale – Scottsdale, AZ

Wednesday, February 28, 2018

McDowell Room	5:00 pm – 7:00 pm	Welcome Reception
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Thursday, March 1, 2018

Lobby	7:00 am – 8:00 am	Registration
Lakeside Ballroom	7:30 am – 8:00 am	Breakfast
	8:00 am – 8:15 am	Welcome/Introduction: SDC Forum 43 Joseph C. Sanders, SDC Board Chair, Consultant, Combined Creek Consulting
	8:15 am – 8:45 am	Presentation: Concrete Printing Research at the U.S. Army Corps of Engineers Todd Rushing, Research Physical Services, U.S. Army Engineer Research & Development Center
	8:45 am – 9:15 am	Technology Showcase: Control Flow Concrete G. Terry Harris, Director-Technical, GCP, Applied Technologies, Inc.
	9:15 am – 9:45 am	Technology Showcase: E-Platform Digital Solutions Steve Santa Cruz, President, Surface Tech
	9:45 am – 10:15 am	— Break —
	10:15 am – 10:45 am	Presentation: Production of 3D Printed Molds for Precast Concrete Diana Hun, Subprogram Manager, Oak Ridge National Laboratory
	10:45 am – 11:15 am	Presentation: Production of Architectural Precast Concrete Cladding Panels Using 3D-Printed Molds Steve Brock, PE, Senior VP-Engineering, Gate Precast Company
	11:15 am – 11:45 am	Presentation: ARCIS® Novel Ultra-Thin Lightweight Prestressed Panel and Product Technology John M. Carson, Executive Director, AltusGroup, Inc.
	Lakeside Terrace	11:45 am – 1:00 pm
Lakeside Ballroom	1:00 pm – 1:30 pm	Presentation: Construction Disruption CR Herro, Vice President of Innovation, Meritage Homes
	1:30 pm – 2:30 pm	— Break —
Lobby	2:30 pm – 2:45 pm	Board Bus for Tour
	3:15 pm – 5:00 pm	HercuTech, Inc., Manufacturing and Construction Tour
	5:30 pm – 8:00 pm	Dinner at Los Sombreros

Friday, March 2, 2018

Lobby	7:30 am – 8:00 am	Registration and Breakfast
Lakeside Ballroom	8:00 am – 8:15 am	TMC Update / Review Roger Becker, Managing Director-Research & Development, Precast/Prestressed Concrete Institute
	8:15 am – 8:45 am	Presentation: SCC History and Future Anton Schindler, Professor, Auburn University, and Chair, ACI 237
	8:45 am – 9:15 am	Presentation: ACI Guide to Exchange of Reinforcement BIM Models Pete Carrato, Fellow Emeritus, Bechtel Corporation
	9:15 am – 9:45 am	— Break —
Lakeside Ballroom	9:45 am – 11:15 am	Breakout Sessions
		Self-Consolidating Materials (SCC)
Superstition East		Building Information Modeling (BIM)
	11:15 am – 11:30 am	— Break —
Lakeside Ballroom	11:30 am – 12:00 pm	Wrap-up: Breakout Session Summaries
	12:00 pm	Adjourn