



Technology Forum 44

September 5-7, 2018

JW Marriott - Denver Cherry Creek – Denver, CO

Wednesday, September 5, 2018

Fireside Lobby Level	4:30 pm – 7:00 pm	Registration
	5:00 pm – 7:00 pm	Welcome Reception

Thursday, September 6, 2018

Grand Ballroom Foyer	7:00 am – 8:00 am	Registration	
	7:30 am – 8:00 am	Breakfast	
Grand Ballroom	8:00 am – 8:20 am	<p>Welcome/Introduction: SDC Forum 44</p> <p>Joseph C. Sanders, SDC Board Chair, Consultant, Combined Creek Consulting</p>	
	8:20 am – 8:50 am	<p>Presentation: 3D Printing of Tall Concrete Wind Turbine Towers</p> <p>Xiaopeng Li, Postdoctoral Research Fellow (Civil & Environmental Engineering) University of California, Irvine</p>	
	8:50 am – 9:20 am	<p>Presentation: Strategic Approach to Research</p> <p>David A. Lange, President, American Concrete Institute</p>	
	9:20 am – 9:50 am	<p>Technology Showcase: Solutions for Testing Concrete Maturity for Real-time Decision-Making</p> <p>John Gnaedinger, Founder & Engineering Services Director, Con-Cure, LLC</p>	
	9:50 am – 10:20 am	— Break —	
	10:20 am – 10:50 am	<p>Presentation: Durability Analysis on GFRP Rebars Extracted from Existing Bridges</p> <p>Doug Gremel, Director - Infrastructure, Owens Corning Infrastructure Solutions, LLC</p>	
	10:50 am – 11:20 am	<p>Technology Showcase: From Concrete to Glass: Seamless and Impermeable Graded Transition</p> <p>Shadi Nazarian, Associate Professor, Pennsylvania State University</p>	
	11:20 am – 11:50 am	<p>Technology Showcase: EdenCrete® - Carbon Nanotube Enriched Admixture</p> <p>Robert W. Cavaliero, MCE, Product Manager, Eden Innovations, Ltd.</p>	
	11:50 am – 12:10 pm	Concrete 2029 Update by Peter Emmons	
	Fireside Lobby Level	12:15 pm – 1:30 pm	— Lunch —
Grand Ballroom	1:30 pm – 3:30 pm	<p>Panel Presentations: Building with Concrete Innovations</p> <p>Viewpoint of Owner: Ryan Fertig - Compass Peak</p> <p>Viewpoint of Architect: Wells M. Squier II - AIA of Denver Colorado</p> <p>Viewpoint of Engineer: Ronald Klemencic - Magnusson Klemencic Associates</p> <p>Viewpoint of Contractor: Oscar R. Antommattei - Kiewit Engineering Group, Inc.</p> <p>Panel Q&A - Group Discussion</p>	
		3:30 pm – 4:00 pm	— Break —
		4:00 pm – 4:30 pm	<p>Presentation: Updates on CPI Workforce Initiative</p> <p>Tanya W. Komar, CEO & President, CPI Foundation</p>
		4:30 pm – 5:00 pm	<p>Technology Showcase: Performance-Based Design Related to Wind Loads for Concrete Buildings</p> <p>Ronald Klemencic, Chairman & CEO, Magnusson Klemencic Associates</p>
La Merise French Cuisine	6:00 pm – 8:30 pm	Dinner at La Merise French Cuisine *Walking Distance from JW Marriott* 2700 E. 3rd Street Denver, CO 80203	



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Thursday, September 7, 2017

Grand Ballroom Foyer	7:30 am – 8:00 am	Registration and Breakfast
Grand Ballroom	8:00 am – 8:15 am	TMC Update / Review Roger J. Becker, Vice President Technical Services, Precast/Prestressed Concrete Institute
	8:15 am – 8:45 am	Presentation: Developing Performance Engineered ASR Resistant Concrete Based on Emerging Rapid Aggregate & Concrete ASR Test Methods Anol Mukopaydhay, Research Scientist, Texas A&M University
	8:45 am – 9:15 am	Presentation: Update on Vision 2020 Concrete Repair Initiatives David W. Whitmore, President and Chief Innovation Officer, Vector Corrosion Technologies, Ltd.
	9:15 am – 9:45 am	— Break —
	9:45 am – 11:30 am	Breakout Sessions Concrete Wind Turbine Towers Vision 2020
Bluebell and Aster Room		
Grand Ballroom	11:30 am – 12:00 pm	Wrap-up: Breakout Session Summaries by Session Leaders & Closing Notes by SDC Chair
	12:00 pm	Adjourn