



Technology Forum 47

February 11-13, 2020 • The Mills House - Wyndham Grand Hotel—Charleston, SC
All meetings are located on the first floor (lobby level) unless noted

Tuesday, February 11, 2020

Rutledge Room	8:00 am – 5:00 pm	Concrete Construction Productivity Workshop
Barbadoes Room Restaurant	12:00 pm – 1:00 pm	— Lunch —
Pool Terrace (Located on the second floor)	5:00 pm – 7:00 pm	Welcome Reception

Wednesday, February 12, 2020

Queen Street Gallery	7:00 am – 8:00 am	Registration	
	7:30 am – 8:00 am	Breakfast	
Rutledge/Heyward Room	8:00 am – 8:15 am	Welcome/Introduction: SDC Forum 47 Charles S. Hanskat, P.E., FACI & SDC Board Chair, Executive Director, American Shotcrete Association	
	8:15 am – 8:45 am	Presentation: “Shaped By Concrete” – PCA’s Integrated Campaign Nick Ferrari, Senior VP – Communications & Media Relations, Portland Cement Association	
	8:45 am – 9:15 am	Technology Showcase: The Science of Seawater-Mixed Cementitious Materials Prannoy Suraneni, PhD, Assistant Professor, University of Miami	
	9:15 am – 9:45 am	Technology Showcase: Handheld Instant Air Meter – Fresh Total Air and Specific Surface in Situ Marc C. Ramsey, PhD, Engineer, Creare, LLC	
	9:45 am – 10:15 am	— Break —	
	10:15 am – 10:45 am	Presentation: Recent Developments and Initiatives from ACI Committee 222 on Corrosion of Metals in Concrete David G. Tepke, P.E. & Secretary of ACI Committee 222, Senior Engineer, SKA Consulting Engineers, Inc.	
	10:45 am – 11:15 am	Presentation: Resiliency and Concrete Aditya Bhagath, P.E., Senior Project Director, Thornton Tomasetti	
	11:15 am – 11:45 am	Presentation: Embracing Innovation: Report on ACI’s New Technology Task Group Ronald G. Burg, P.E., FACI, Executive Vice President, American Concrete Institute	
	Barbadoes Room Restaurant	12:00 pm – 1:00 pm	— Lunch —
	Rutledge/Heyward Room	1:00 pm – 3:00 pm	Panel Presentations: What the New Durability Code Will Mean to You Moderator: Lawrence L. Sutter, PhD, P.E., FACI - Michigan Technological University R. Douglas Hooton, PhD, FACI - University of Toronto (<i>Intent of the Code - ACI 201 Viewpoint</i>) Oscar R. Antommattei, FACI - Kiewit Engineering Group Inc. (<i>Viewpoint of Contractor</i>) Cary S. Kopczynski, P.E., FACI - President & Sr. Principal CKC Structural Engineers (<i>Viewpoint of Engineer/Specifier</i>) Brian H. Green, R.P.G., FACI - U. S. Army Corps of Engineers (<i>Viewpoint of Public Owner</i>) Q&A with attendees
Panel Q&A – Group Discussion			
3:00 pm – 3:30 pm		— Break —	
3:30 pm – 4:00 pm		Presentation: Code Advocacy & Outreach for ACI 562 Kerry Sutton, P.E., LEED AP, Code Advocacy Engineer, American Concrete Institute	
4:00 pm – 4:30 pm		Presentation: The DOT Mindset and Embracing Innovation Andrew Johnson, PhD, P.E., Pavement Design Engineer, Southeast Cement Promotion Association	
	6:00 pm – 8:30 pm	Reception and Dinner at High Cotton Charleston Restaurant 199 E Bay Street Charleston, SC 29401	



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	7:30 am – 8:00 am	Breakfast
Rutledge/Heyward Room	8:00 am – 8:15 am	TMC Research & Technology Update Carl (Chuck) J. Larosche, P.E., FACI & TMC Chair, Principal, Wiss, Janney, Elstner Associates, Inc.
	8:15 am – 8:45 am	Presentation: Recap of Productivity Workshop for Improved Concrete Contractor Productivity & Project Quality G. Terry Harris Sr., FACI, Director – Technical Service Americas, GCP Applied Technologies
	8:45 am – 9:15 am	Presentation: New Priorities—Embodied Carbon in Concrete Construction Michael E. Cropper, P.E., Senior Associate, Thornton Tomasetti
	9:15 am – 9:45 am	Presentation: Atlanta International Airport Case Study – Installation of Mass Concrete Piers Justis Brogan, LEED AP - Project Director Anthony Gorzelnik - Project Superintendent Will Holcomb - Project Engineer McCarthy Building Companies, Inc.
	9:45 am – 10:15 am	— Break —
		Open Breakout Sessions: Strategy and Road Mapping
Rutledge/Heyward Room	10:15 am – 11:45 am	ACI Durability Code: Next Steps
Lynch Room		Improving the Adopting of Innovation
	11:45 am – 12:00 pm	Wrap-up and Review
	12:00 pm	Adjourn