

# 2017 APC & Wastewater Round Table

July 17-18, 2017 Le Meridien Hotel, Charlotte, NC

July 17, 2017 - Monday - APC & Wastewater Round Table				
Registration - Continental Breakfast & Breaks in expo from 7:00 to 8:30 (Symphony Ballroom Foyer)				
8:00-9:00	Training Class 1 (Mecklenburg 3)	Training Class 2 (Mecklenburg 2)	CEMS Training Lab Cemtek M&C Breen Clean Air Engineering Enertechnix Hach	Training Class 4 (Carolina Ballroom)
	ESP Current Limiting Reactor Sizing <i>by Dan Steinhaur, Stein Industries and Mike Afflerbach, Magnetic Specialties</i>	Case Study of Treating Coal Fines in Coal Pile Runoff <i>by Jay Weist, Worley Parsons</i>		Instruments & Controls in Water and Wastewater Applications <i>by Larry Tucker, MetrOhm</i>
9:15-10:15	Training Class 5 (Mecklenburg 3)	Training Class 6 (Mecklenburg 2)		Training Class 7 (Carolina Ballroom)
	Maintaining Sonic Horns for Proper Cleaning of Your Equipment <i>by Jake Shelton, Acoustic Cleaning</i>	Wet-to-Dry Conversion, CCR & ELG by <i>Kevin McDonough, UCC</i>		Selenium Fate and Control in APCDs <i>by Connie Senior, ADA-ES</i>
10:15-11:00 Break in Exhibition Hall (Symphony Ballroom)				
11:00-12:00	Training Class 8 (Mecklenburg 3)	Training Class 9 (Mecklenburg 2)	CEMS Training Lab (cont.) (training and possible certification)	Training Class 10 (Carolina Ballroom)
	Fabric Filters – Principles, Process and Best Practices <i>by David Escott, FLSmidth - AFT Operations</i>	CCR Industry Overview <i>by Mark Rokoff, AECOM</i>		Emerging Tech for ELG Compliance <i>by Tisha Scroggin, Burns &amp; McDonnell</i>
12:00-1:30 Lunch in Exhibition Hall (Symphony Ballroom)				
General Session (Carolina Ballroom)				
1:30-2:45	Welcome/Presentation of Round Table Award by Susan Reinhold to Doug Hartman and Dan Steinhaur Keynote Speaker: EH&S at Duke Energy by Paul Draovitch, Sr. VP of Environment, Health, and Safety, Duke Energy			
3:00-4:00	Workshop 1 (Mecklenburg 3)	Workshop 2 (Mecklenburg 2)	Workshop 3 (Mecklenburg 1)	Workshop 4 (Carolina Ballroom)
	Lanceless Injection of Flue Gas Sorbents <i>by Mitch Lund, Nol-Tec</i>	Review of Corrosion Findings from EPRI's 2016 Bromine Balance of Plant Survey <i>by Katherine Dombrowski, AECOM</i>	ELG Compliance Strategy Through Treatment of Flue Gas <i>by Stephen Langham, Southern Co.</i>	FGD Wastewater Treatment, an Economic Model <i>by Bob Kimball, AMEC FW</i>
4:00-4:30 Break in Exhibition Hall (Symphony Ballroom)				
4:30-5:30	Workshop 5 (Mecklenburg 3)	Workshop 6 (Mecklenburg 2)	Workshop 7 (Mecklenburg 1)	Workshop 8 (Carolina Ballroom)
	Update on Interaction Between DSI and ACI <i>by Conner Cox, UCC</i>	ELG Compliance Options to Meet the 2018 to 2023 Compliance Dates <i>by Kyle Neidig, MHP SA</i>	Wastewater Reuse: Maximizing Existing Equipment while Minimizing Plant CCR-ELG Impacts <i>by Brandon Delis, Dewberry</i>	The Water & Energy Nexus <i>by Kristen Jenkins, Southern Research</i>
5:30-6:30 Reception in Exhibition Hall (Symphony Ballroom)				
July 18, 2017 - Tuesday - APC & Wastewater Round Table				
Registration - Continental Breakfast & Breaks in expo from 7:00 to 8:30 (Symphony Ballroom Foyer)				
8:00 - 9:00	Workshop 9 (Mecklenburg 3)	Workshop 10 (Mecklenburg 2)	Workshop 11 (Mecklenburg 1)	Workshop 12 (Carolina Ballroom)
	Multi-Pollutant Reduction Using Catalytic Filtration <i>by David Taylor, Haldor Topsoe</i>	HRS G : Makeup Water Treatment for Boilers at Gas Powered Plants <i>by Scott Duda, GAI Consultants</i>	OG&E Utilizes Ballasted Clarification for Coal Pile Runoff Pond <i>by Michael Reyes, Veolia</i>	What's the Best Approach for Controlling Forced Oxidation Air Rates? <i>by Gary Blythe, AECOM</i>
9:15 - 10:15	Workshop 13 (Mecklenburg 3)	Workshop 14 (Mecklenburg 2)	Workshop 15 (Carolina Ballroom)	
	The Evolving Role of DSI in Plant Performance, Byproducts and Water <i>by Cal Lockert, Mississippi Lime</i>	HRS G Cleaning with Pressure Wave Technology <i>by Bruce Carlton, GE Power</i>	Scrubber O&M Discussion : moderated by Steve Wolsiffer and Ron Richard, REC / Ron Laws, Duke, Brandon Bettinger, East KY, Greg Betenson, PacifiCorp, Ann Palmer, Southern Co.,	
10:15-11:00 Break in Exhibition Hall (Symphony Ballroom)				
11:00-12:00	Workshop 16 (Mecklenburg 3)	Workshop 17 (Mecklenburg 2)	Workshop 18 (Mecklenburg 1)	Workshop 19 (Carolina Ballroom)
	DSI – the Swiss Army Knife of Air Pollution Control <i>by Jim Dickerman, Lhoist</i>	Belt Presses in Wastewater Applications <i>by Joe Haligowski, Filtra-Systems Co.</i>	Basin Design for Treatment of Suspended Solids <i>by Parker Carpenter, Southern Co.</i>	Issues Facing FGD Operations in Today's Operating Environment <i>by Mandi Richardson, AECOM</i>
12:00-1:30 Lunch in Exhibition Hall (Symphony Ballroom)				
1:30-2:30	Workshop 20 (Mecklenburg 3)	Workshop 21 (Mecklenburg 2)	Workshop 22 (Mecklenburg 1)	Workshop 23 (Carolina Ballroom)
	Mercury and Air Toxics Standard Mercury Controls Update <i>by Steve Potter, Duke Energy</i>	Retrofit of Wastewater Management in a Coal-fired Plant <i>by Grace Guin, Southern Co.</i>	Operational Reality of Operating a Zero Liquid Discharge Plant <i>by Eric Costello, OUC</i>	Spray Dryer Evaporator (SDE) Used to Eliminate FGD Wastewater <i>by Cuong Pham KCP&amp;L and Travis Reynolds, GE Power</i>
2:45-3:45	Workshop 24 (Mecklenburg 3)	Workshop 25 (Mecklenburg 2)	Workshop 26 (Mecklenburg 1)	Workshop 27 (Carolina Ballroom)
	Mercury Capture in Wet Scrubbers while Minimizing Plant Balance Effect <i>by Regina Rodriguez, Carbonxt</i>	Avoiding Upsets – O&M and Process Control for Bioreactors <i>by Diane Martini, Burns &amp; McDonnell</i>	Wastewater Treatment Fundamentals <i>by Chuck McCloskey, Evoqua</i>	ESP Controls Discussion Group moderated by Paul Ford, Redkoh / Zac Phelps, PacifiCorp, Rob Sosinski, Redkoh, Dan Steinhaur, Stein Industries, Mike Afflerbach, Magnetic Specialties, Greg Betenson, PacifiCorp
3:45-4:30 Break in Exhibition Hall - drawing Treasure Hunt Winners (Symphony Ballroom)				
Panel I (Carolina Ballroom)				
4:30 - 5:30	Panel I: Utility Perspective of Challenges & Opportunities with Wastewater / Chaired by Darryl Wall, Southern Company Panelists: Lindy Johnson, TVA; Tom Hart, AEP; Bill Kennedy, Duke; Greg Betenson, PacifiCorp			
6:00 - 10:00	Conference Event / NASCAR Hall of Fame....Dinner and open museum..... free to all attendees and their families			