

2019 REINHOLD Round Table

June 24-25, 2019, Sheraton Birmingham Hotel, Birmingham, AL

June 24, 2019 - Monday - REINHOLD Round Table

Registration - Continental Breakfast & Breaks in expo from 7:00 to 8:30 (Birmingham Ballroom)

	ESP/FF/Dry Scrubbers	Se/Hg/Arsenic	Ash Ponds/CCR/DSI	ELG/WWT/Wet Scrubbers
	Workshop 1 (Birmingham Ballroom 9)	Workshop 2 (Birmingham Ballroom 11)	Workshop 3 (Birmingham Ballroom 12)	Workshop 4 (Birmingham Ballroom 1&5)
8:00-9:00	Monitoring Performance of Filter Media in a Baghouse <i>by Nathan Schindler, Evonik</i>	Arsenic and Selenium Abatement with Hydrated Lime and Sorbent Trap Methods <i>by Ian Saratovsky, Lhoist NA; Jonathan Cross, Ohio Lumex</i>	Geomembranes and Geotextile Tubes: Case Studies in CCR Applications <i>by Randy Pit, Geo-Synthetics</i>	FGD ZLD and ZLD Operational Experience <i>by Michael Jaubert, Veolia</i>
	Workshop 5 (Birmingham Ballroom 9)	Workshop 6 (Birmingham Ballroom 11)	Workshop 7 (Birmingham Ballroom 12)	Workshop 8 (Birmingham Ballroom 1&5)
9:15-10:15	ESP O&M Tricks <i>by Tim Mallory, Air Advantage</i>	Technology Update – Measurement and Monitoring of Hg, Se, and As in Flue Gas <i>by Rob Doran, CleanAir</i>	Evaluating DSI System Performance and Balance of Plant Effects <i>by Mark Thomas, Mark Thomas & Associates Consulting</i>	WFGD Concerns in Preparation for ELG <i>by Suzette Puski, Babcock Power</i>
10:15-11:00	Break in Exhibition Hall (Birmingham Ballroom)			
	Workshop 9 (Birmingham Ballroom 9)	Workshop 10 (Birmingham Ballroom 11)	Workshop 11 (Birmingham Ballroom 12)	Workshop 12 (Birmingham Ballroom 1&5)
11:00-12:00	The Future of Remote/Offsite Support, Troubleshooting, & Performance Analysis <i>by Paul Ford, Redkoh Industries</i>	Innovative Measurement Technologies to support Pollution Control: SO ₂ , NH ₃ , As, Se, HCl, HBr, Hg <i>by Jonathan Cross, Ohio Lumex</i>	Lessons Learned from a Fleet of Operating Bottom Ash Continuous Dewatering and Recirculating (CDR) Systems <i>by Kevin McDonough, UCC</i>	Approach for Recovering Extra Heat in the Air Heater to Send to Spray Dryer for Wastewater Vaporization <i>by Blake Stapper, Ljungstrom</i>
12:00-1:30	Lunch in Exhibition Hall (Birmingham Ballroom)			
	General Session (Birmingham Ballroom 1&5)			
1:30-2:45	Welcome/Presentation of Round Table Award <i>by Susan Reinhold to Darryl Wall and Curt Biehn</i> Keynote Speaker: Pathways to a Low Carbon Future <i>by Jeffrey A. Burselson, SCS Environmental & System Planning SVP, Southern Company</i>			
	Regulatory/Safety	SCR/ Sorbent Injection	Ash Ponds/CCR	ELG/WWT/Wet Scrubbers
	Workshop 13 (Birmingham Ballroom 9)	Workshop 14 (Birmingham Ballroom 11)	Workshop 15 (Birmingham Ballroom 12)	Workshop 16 (Birmingham Ballroom 1&5)
3:00-4:00	CCR and ELG Regulatory Update <i>by Tisha Scroggin-Wicker, Burns & McDonnell</i>	Acid Gas Control – Redefining Cultural Practices in Unit Flexibility to Compete in a Changing Environment <i>by Chad Donner, Duke Energy</i>	Advanced Engineering Solutions for Environmental Protection in CCR Closures <i>by Gregory L. Hebler, Golder</i>	A Case Study: FGD ZLD the First Three Years <i>by Joe Tinto & Mark Owens, SUEZ</i>
4:00-4:30	Break in Exhibition Hall (Birmingham Ballroom)			
	Workshop 17 (Birmingham Ballroom 9)	Workshop 18 (Birmingham Ballroom 11)	Workshop 19 (Birmingham Ballroom 12)	Workshop 20 (Birmingham Ballroom 1&5)
4:30-5:30	Safety Issues <i>by Doug Hartman, FirstEnergy</i>	Recent Demonstrations Using Hydrated Lime for Cost Benefits <i>by Cal Lockert, Mississippi Lime</i>	Water Management in the Age of CCR and ELG Regulations <i>by Kate Hobbie, Dewberry and Nitou Makidi, Georgia Power</i>	Sulfite Control of WFGD Systems <i>by Ray Gansley, GE</i>
5:30-6:30	Reception in Exhibition Hall (Birmingham Ballroom)			

June 25, 2019 - Tuesday - REINHOLD Round Table

Registration - Continental Breakfast & Breaks in expo from 7:00 to 8:30 (Birmingham Ballroom)

	Heat Rate/Co-Firing/CCUS/misc	SCR/ Sorbent Injection	Ash Ponds/CCR	ELG/WWT/Wet Scrubbers
	Workshop 21 (Birmingham Ballroom 9)	Workshop 22 (Birmingham Ballroom 11)	Workshop 23 (Birmingham Ballroom 12)	Workshop 24 (Birmingham Ballroom 1&5)
8:00 - 9:00	Cliffside Natural Gas Firing Update <i>by Richard Roy, Duke Energy</i>	Lime Basics, Terminology, and Applications <i>by Carl Laird & Scott Fraley, Carmeuse Lime & Stone</i>	Coal Pile Runoff Treatments for CCR Compliance <i>by Max Swoboda, Evoqua Water Technologies</i>	Wet Flue Gas Desulfurization Wastewater Physical/Chemical Treatment – Lessons Learned <i>by Ralph Cutler, WesTech Engineering</i>
	Workshop 25 (Birmingham Ballroom 9)	Workshop 26 (Birmingham Ballroom 11)	Discussion I (Birmingham Ballroom 1&5)	
9:15 - 10:15	Mercury Oxidation Improvements via Catalyst and Coal Additives <i>by Scott Hinton, WS Hinton Assoc.</i>	Managing the SCR in the New World of Low Load, Cycling, and Reserve Outages <i>by Jared Koliha, Ceram</i>	Scrubber O&M Discussion (cost saving) : moderated by Steve Wolsiffer and Ron Richard, REC Group: Ron Laws, Duke Energy; Roger Ferguson, Ameren; Melissa Allen, TVA	
10:15-11:00	Break in Exhibition Hall (Birmingham Ballroom)			
	Workshop 27 (Birmingham Ballroom 9)	Workshop 28 (Birmingham Ballroom 11)	Workshop 29 (Birmingham Ballroom 12)	Workshop 30 (Birmingham Ballroom 1&5)
11:00-12:00	Effects of Dual Fuel Firing on Backend Equipment <i>by Keith Benton, AECOM</i>	An Economics-Based Approach to SCR Catalyst Cleaning <i>by Carl Wise, Thompson Industrial Services</i>	Beneficial Uses of Coal Ash from Ponds and Landfills <i>by Bill Fedorka, SEFA Group</i>	Impact of Air Pollution Controls on Selenium in FGD and Wastewater Treatment Systems <i>by Sharon Sjostrom, Odonata Energy</i>
12:00-1:30	Lunch in Exhibition Hall (Birmingham Ballroom)			
	Workshop 31 (Birmingham Ballroom 9)	Workshop 32 (Birmingham Ballroom 11)	Workshop 33 (Birmingham Ballroom 12)	Workshop 34 (Birmingham Ballroom 1&5)
1:30-2:30	Coal Boiler Issues Related to CCUS <i>by Kevin Davis, REI</i>	Managing SCR Catalyst from Beginning (New/Regeneration) to End of Life Options <i>by Philip Elliott, Cormetech</i>	Treating Bottom Ash Transport Water with Enhanced Wastewater Technologies <i>by Kevin McDonough, UCC</i>	Treating Wastewater from Equipment Washes <i>by Dennis Fink, Worley</i>
	Workshop 35 (Birmingham Ballroom 9)	Workshop 36 (Birmingham Ballroom 11)	Panel I (Birmingham Ballroom 1&5)	
2:45-3:45	Heat Rate Improvement: Boilers, Gas Turbines, and Condensers <i>by Rob Mudry, Airflow Sciences</i>	The Importance of O&M Performance for SCR Asset Management <i>by Xavier Henry, ENGIE Laborelec</i>	Ash Ponds Closing - Lesson Learned from Boots on the Ground <i>Chaired by Ed Healy, Southern Company / Panelists: Keven Harshburger, R.B. Jergens; Robert Kuncel, GWTT; Anita Perry, Southern Company</i>	
3:45-4:30	Break in Exhibition Hall - drawing Treasure Hunt Winners (Birmingham Ballroom)			
	Panel II (Birmingham Ballroom 1&5)			
4:30 - 5:30	Impacts across the Environmental Equipment Due to Load Cycling <i>Chaired by Pam Orlando, LG&E-KU / Panelists: John Brotherton, Duke Energy; Ian Mylenbusch, Southern Company; Patrick Sadler, Tucson Electric, Matt Wilson, TVA and Darren Hanby, AEP</i>			
6:00 - 10:00	Conference Event / McWane Science Center...Dinner and open museum..... free to all attendees and their families			