

2019 NO_x-Combustion-CCR Round Table

February 11-12, 2019; Marriott Salt Lake City Downtown City Creek Hotel

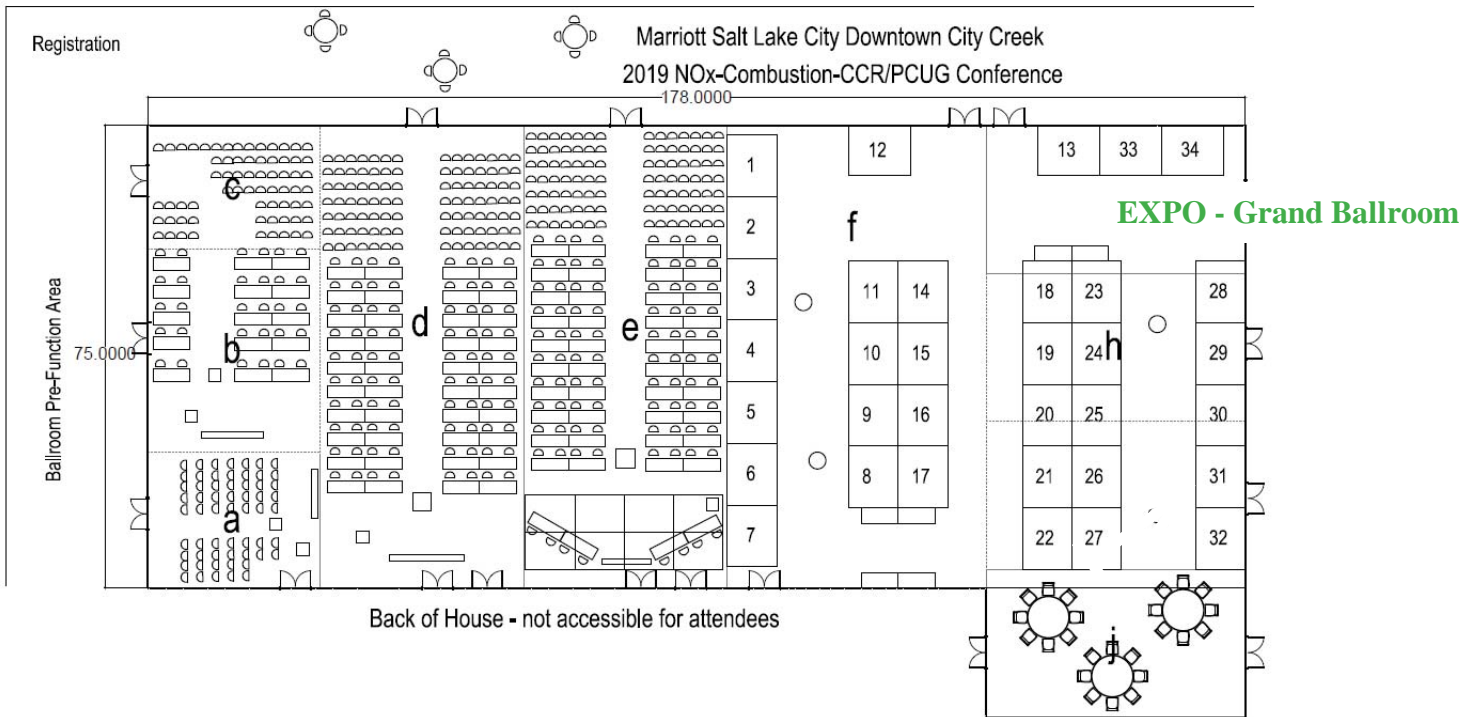
February 11, 2019 - Monday - NO_x-Combustion-CCR Round Table

Registration - Continental Breakfast & Breaks in expo from 7:00 am to 6:30 pm (Grand Ballroom F-J)				
8:00-9:00	Training Class 1 (Salon B-C)	Workshop 1 (Salon E)	Workshop 2 (Salon D)	Workshop 3 (Salon A)
	SCR O&M 101/201 by Ron Richard & Steve Wolsiffer, REC	SO _x and the SCR – How Sulfur Influences Catalyst Operation by Chris Bertole, Cormetech	Measuring Ammonia Slip for Process Control and Catalyst Management by John Arnold, MSI	Coal Boiler Issues Related to CCUS by Kevin Davis, REI
9:15-10:15	Training Class 2 (Salon B-C)	Workshop 4 (Salon E)	Workshop 5 (Salon D)	Workshop 6 (Salon A)
	Ammonia Injection and Mixing Systems (Coal & Gas) by Rob Mudry, Airflow Sciences	SCR Lessons Learned by APS by Bruce Salisbury, APS	Safety Best Practices & Lessons Learned by Doug Hartman, FirstEnergy & Darren Hanby, AEP	Heat Rate for the Clean Power Initiative by Tony Licata, Licata Energy & Env. Consultants; Jeffery Quick, Utah Geological Survey; Abe Kearl, PacifiCorp
Break in Exhibition Hall (Grand Ballroom F-J)				
11:00-12:00	Training Class 3 (Salon B-C)	Workshop 7 (Salon E)	Workshop 8 (Salon D)	Workshop 9 (Salon A)
	Catalyst Deactivation Mechanisms by Chris DiFrancesco, Cormetech	Update on Plant Crist/Gaston Limestone Addition for Arsenic Mitigation by Jason Bookout, Southern Company	Cost Effective DSI System Advancements for Future Plant Performance by Mark Thomas, Mark Thomas & Assoc.	Utilization of High Reactivity Hydrated Lime for Heat Rate and Operational Benefits by Cal Lockert, Mississippi Lime
Lunch in Exhibition Hall (Grand Ballroom F-J)				
General Session (Salon E)				
1:30-2:45	Welcome/Presentation of Round Table Award to John Brotherton (Duke Energy) and Blake Stapper (AECOM) by Susan Reinhold, Reinhold Environmental Keynote Speaker: Environmental Challenges and the Future of Fossil-Fueled Power by James Owen, Environmental Director - PacifiCorp			
3:00-4:00	Training Class 4 (Salon B-C)	Workshop 10 (Salon E)	Workshop 11 (Salon D)	Workshop 12 (Salon A)
	LNB Tuning 301 by Bruce Salisbury, APS	Coal - Hybrid Layer Catalyst Pitch Decisions to Balance Potential and Pluggage by Philip Elliott, Cormetech	Lessons Learned from Newly Commissioned Systems on Wet-to-Dry Ash Conversion Projects by Kevin McDonough, United Conveyor	Boiler Combustion Optimization to Reduce Superheat Tube Metal Temperatures and Creep by Richard Thompson, FERCo
Break in Exhibition Hall (Grand Ballroom F-J)				
4:30-5:30	Training Class 5 (Salon B-C)	Workshop 13 (Salon E)	Workshop 14 (Salon D)	Workshop 15 (Salon A)
	Combined Cycle Units SCR Retrofits by Larry Muzio, FERCo	SCR Catalyst Lab. Testing: Results of EPRI's Round Robin Study & Revised Lab. Testing Protocol by Scott Hinton, WS Hinton & Assoc.	CCR Impoundment Mapping/Modeling Results for Maximizing Beneficial Reuse by Steve Kosler, AECOM	Impact of Air In-Leakage on Combustion, Emissions and Cost of Unit Compliance & Operation by Patrick Fitzgerald, HTT
5:30-6:30 Reception for all attendees and families				

February 12, 2019 - Tuesday - NO_x-Combustion-CCR Round Table

Registration - Continental Breakfast & Breaks in expo from 7:30 am to 5:15 pm (Grand Ballroom F-J)				
8:30 - 9:30	Workshop 16 (Salon B-C)	Workshop 17 (Salon E)	Workshop 18 (Salon D)	Workshop 19 (Salon A)
	Mercury Control: 2018 Year in Review by Sharon Sjoström, ADA	NO _x Reduction IED and EPA Compliance by Lawrence Berg, RJM	Determining O&M Savings for AQCS Upgrades by Suzette Puski, Babcock Power	Combined Cycle - Multi-Pollutant Catalyst Performance and Experience by Matt Wilson, TVA
Break in Exhibition Hall (Grand Ballroom F-J)				
10:30 - 11:30	Workshop 20 (Salon B-C)	Workshop 21 (Salon E)	Workshop 22 (Salon D)	Workshop 23 (Salon A)
	Plant Retirements by Doug Hartman, First Energy	Maximizing the Value from Catalyst Sampling and Testing by Justin Brown, Innovative Combustion	A Chemical Combustion Catalyst Effect on Emission, Sediments and Fuel Efficiency by Leif Vevenstad, Johnsen Chemicals AS	Duke Energy Gas Co-Firing: The Why, the Where and the How by Brad Rudolph, Duke Energy
Lunch in Exhibition Hall (Continental Ballroom F-J)				
1:00-2:00	Workshop 24 (Salon B-C)	Panel I (Salon E)		Workshop 25 (Salon A)
	Advanced Sensing and Control by Marc Cremer, REI	DSI a Flexible Tool for SCR Turndown and Improved Plant Operations Chairman: Mark Thomas, Mark Thomas & Assoc. / Panelists: Rick Himes, EPRI; Chris Bertole, Cormetech; Mike O'Connor, Vistra		4½ Years Dual Function Catalyst Performance and Deactivation at Wolf Hollow by Henrik Andersen, Umicore
2:15-3:15	Workshop 26 (Salon B-C)	Workshop 27 (Salon E)	Workshop 28 (Salon D)	Workshop 29 (Salon A)
	Latest Developments for the Second Decadal Review for the Regional Haze Rule by Bob Paine, AECOM	Operational Benefits of Heavy Metals Capture with Hydrated Lime by Ian Saratovsky, Lhoist NA	Update from Zimmer Station on their Hydrated Lime Injection Upstream of the SCR for Low Load Operation by Mike O'Connor, Vistra Energy	CO Catalyst Performance on a 100% Bark-fired Boiler (<100MW) by Steve Feeney, Steve Feeney Consulting
Break in Exhibition Hall (Expo) - drawing of the Treasure Hunt Winners				
Panel II (Salon E)				
4:15 - 5:15	Catalyst Management / Load Cycling and Reserve Outages Chairman: John Brotherton, Duke Energy / Panelists: Scott Williams, Duke Energy; Ian Mylenbusch, Southern Company; Darren Hanby, AEP; Mike O'Connor, Vistra Energy			
6:00 - 10:00 Conference Event....Dinner and Game Night / free to all attendees and their families				

2019 NOx-Combustion-CCR Exhibitors



Integrated Global Services.....	1
AirTek Construction.....	2
HTT ISOMEMBRANE.....	3
Johnson Matthey SEC.....	4
ADA-ES, Inc.....	5
RE Consulting.....	6-7
Mississippi Lime Company.....	8
Breen.....	9
Babcock Power.....	10
United Conveyor Corp.....	11
CERAM.....	12
Airflow Sciences Corp.....	13
SAS Global Corp.....	14
Mitsubishi Hitachi Power Systems.....	15
Environmental Energy Services	16
ReNOx.....	17
CORMETECH.....	18-19
AECOM	20
Innovative Combustion Technologies.....	21
MSI/Mechanical Systems Inc.....	22
Fossil Energy Research Corp.....	23
Cemtek KVB-Enertec.....	24
Zhejiang TUNA Environmental.....	25
Umicore Catalyst USA	28
Lhoist North America.....	29
Howden North America.....	33
Fuel Tech.....	34

**Marriott Salt Lake City
Downtown City Creek
Hotel**

**Exhibition
Hall**

Grand Ballroom

Hours
Monday: 7:00am to 6:30pm
Tuesday: 7:30am to 4:15pm