

2010 NOx-Combustion Round Table



February 8, 2010 - Monday - NOx-Combustion Round Table

Registration - Continental Breakfast & Continuous Break in expo from 7:00 to 5:30 (Chattanooga Ballroom)

O&M Training Classes 8:30-12:00

8:30 - 9:30	Training Class 1 (Walker Room) SCR Safety 101 (Include Risk Mgmt Plan) by Ron Richard, RE Consulting	Training Class 2 (Roberts Room) SCR Inlet Mixing & AIG Tuning 101 by Darren Hanby, AEP Marilynn Martin, Evonik	Training Class 3 (Amphitheater) SNCR System Tuning 101 by Steve Johnson, Quinopoxet Solutions	Training Class 4 (Rose Room) Combustion Tuning 101 by Stephen Storm, Storm Technology
	Training Class 5 (Walker Room) SCR 101 (Include Tail End/Low Temp/Low Dust SCRs) by Jeremy Freeman, Cormetech			
10:00 - 12:00		Ammonia Supply & Transfer 101 by Mike Vukmir, Environmental Equipment Services	Training Class 6 (Amphitheater) Biomass 100% and Co-Firing 10 by Nate White, Haldor Topsoe and Hans Jensen-Holm, Haldor Topsoe Europe	APH Fouling, Online Cleaning 101 by John Guffre, Paragon Airheater Technologies Boiler, Economizer Cleaning 101 by Charlie Breeding, ClydeBergemann

Lunch in Exhibition Hall (Chattanooga Ballroom)

General Session (Walker Room)

1:00 - 2:30 **Welcome/Presentation of Round Table Award** by Susan Reinhold**Safety Note** by Chattanooga Hotel..... **Keynote Speech** by Bill McCollum, TVA Chief Operating Officer

2:30 - 3:30	Workshop 1 (Walker Room) SCR Design Advancements (Next Generation SCR) by William, Medeiros, Babcock Power	Workshop 2 (Roberts Room) Catalyst Management Strategy Improvements by Chao Lin, AEP	Workshop 3 (Amphitheater) CO₂ Capture and Sequestration Technology Advancements by Chris Wedig, Shaw Group	Workshop 4 (Rose Room) Boiler Combustion Advancements by Ray Johnson, NeuCo

Break in Exhibition Hall (Chattanooga Ballroom)

4:30 - 5:30	Workshop 5 (Walker Room) SCR Temperature Concerns Related to Cycling and Low Loads by Bruce McMahon, B&W	Workshop 6 (Roberts Room) Catalyst Changeout Optimization by Ken Jeffers, Johnson Matthey (Argillon)	Workshop 7 (Amphitheater) Biomass Experience in Co-firing in PC Boilers by Keith Morris, Doosan Babcock Energy America	Workshop 8 (Rose Room) Targeted In-Furnace Injection for Slag Control by Chris Smythois, Fuel Tech

February 9, 2010 - Tuesday - NOx-Combustion Round Table

Registration & Continental Breakfast (Chattanooga Ballroom)

8:00 - 9:00	Workshop 9 (Walker Room) SCR NH₃ Injection System Advancements by Marilyn Martin, Evonik	Workshop 10 (Roberts Room) SNCR Advancements by Kevin Dougherty, Fuel Tech	Workshop 11 (Amphitheater) SO₃ Mitigation System Improvements by Mark Thomas, Duke Energy	Workshop 12 (Rose Room) Combustion Optimization Using Real-Time Coal Flow Measurement by Alan Jensen, MIC-USA

Break in Exhibition Hall (Chattanooga Ballroom)

9:30 - 10:30	Workshop 13 (Walker Room) Economics of Urea vs. Ammonia by Bill Hankins, Wahlco	Workshop 14 (Roberts Room) Experience with Catalyst Regeneration by Peter Struckmann, E.ON Engineering	Workshop 15 (Amphitheater) New Approach to SO₃ mitigation by Cal Lockert, Breen Energy and Cam Martin, ADA-ES	Workshop 16 (Rose Room) Biomass Conversion Case Study by Orest Walchuk, Nalco Mobetec

Break in Exhibition Hall (Chattanooga Ballroom) ...drawing Treasure Hunt Winners

11:00 - 12:00	Workshop 17 (Walker Room) LPA Screen Advancements and Formation Control by Iain Hall, NoNOx Components	Workshop 18 (Roberts Room) Hybrid Induct SCR Technologies by Volker Rummenhohl and Stewart Bible, Fuel Tech	Workshop 19 (Amphitheater) Duct Chemical Injection before/after the SCR by Mike Wood, Solvay and David Van Arnam, Nol-Tec	Discussion Group I (Rose Room) Boiler Control Challenges Discussion Group: Alan Paschedag, Siemens; Rob Mudry, Airflow Sciences; Tony Widenman, DTE

Lunch in Exhibition Hall (Chattanooga Ballroom)

1:00 - 2:30	Panel I (Walker Room)		Panel II (Rose Room)	
	SCR Performance Enhancement Panel : Chairman: Michael O'Connor, Duke Energy Panelists: Betty Hansen, B&W; Rob Mudry, Airflow Sciences; Nancy Stephenson, Cormetech; Stephen Guglielmo, Hitachi; Sterling Gray, URS; Darren Hanby, AEP; Ed Healy, Southern Company		Biomass Panel: Chairman: Nathan Ladner, Southern Company Panelists: Kevin Davis, REI; Philip McKenzie, B&W; Jeremiah Haswell, Southern Co.; Jordan Solomon, Ecostrat; Thomas Wells, Southern Co.	

Break in Exhibition Hall (Chattanooga Ballroom) ...drawing Treasure Hunt Winners

3:30 - 4:30	Workshop 20 (Walker Room) NOx, NH₃, SO₃ Monitoring System Improvements by Rick Himes, EPRI	Workshop 21 (Roberts Room) New Catalyst Advancements by Nate White, Haldor Topsoe	Workshop 22 (Amphitheater) High Volume SCR Catalyst Testing for QA/QC in a Production Regeneration Environment by Mike Cooper, Coalogix	Workshop 23 (Rose Room) Biomass Cofiring impact on NOx, Catalyst, and SCR Operation by Peter Struckmann, E.ON Engineering

4:30 - 5:30	Workshop 24 (Walker Room) Hg CEMS: Are we ready for MACT? By Sharon Sjoström, ADA-ES	Workshop 25 (Roberts Room) Arsenic Mitigation - Lessons Learned by Megan Murphy, PPL Montour Martha Watson, E.ON Engineering	Workshop 26 (Amphitheater) Flue Gas Condensibles Measurement by Richard McMillan, URS	Workshop 27 (Rose Room) Biomass Co-firing impact on Boiler Operations by Michael Davidson & Rich Abrams, Babcock Power

NOx Fest at Tennessee Aquarium

(Dinner, TVA and Southern Company Bands and TN Aquarium Visit)...free to all attendees and their families...free continous bus transportation
Aquarium opens for Attendees (and closes to Public) at 6:30 - enter through the Ocean Journey Building - Dinner will be in TN Aquarium Lobby at 7:15 - event ends at 10:00