

Agenda Biomass Boiler Workshop May 22 - 23, 2024 Madison, Wisconsin

# Wednesday, May 22

6:30 - 7:30 **Breakfast (provided by workshop sponsors)** 

## **Morning Technical Session**

7:30 - 7:50	Opening and Welcome, Introductions, Workshop Intention/Approach		(Jansen)
7:50 - 8:45	A Comparison of Biomass Combustion Systems and Guideline Combustion Optimization	s for	(Jansen)
8:45 - 10:00	Fans: Design, Efficiency, and Horsepower Requirements	(Proc	essBarron)
10:00 - 10:15	Mid-Morning Break		
10:15 - 11:20	<b>Optimization and Controls of Biomass Combustion Systems</b>	(Enerc	Solutions)
11:20 - 12:20	Sources and Nature of PM and Aerosol Emissions from Biomass Combustion	(LDX	(Solutions)
12:20 - 1:20	Lunch (provided by workshop sponsors)		

### **Afternoon Technical Session**

7:00 - 9:15

1:20 - 2:30	Boiler Asset Risk Management Are you handling ALL the Risks?	(Fornax Services)
2:30 - 3:30	Principles of Overfire Air System Design for Combustion	n Optimization (Jansen)
3:30 - 3:50	Mid-Afternoon Break	
3:50 - 5:00	Cleaner Heat Surfaces - Wasting Less Energy: Systems For a Greener and More Available Boiler	(Heat Management)
5:15 - 6:30	Attitude Adjustment Hour	All Invited

#### **Dinner Restaurant:**

Steenbock's on Orchard (15 minutes walk from the hotel)

Dinner (provided by workshop sponsors)

330 N Orchard Street Madison, WI 53715 USA Phone: +1 608.204.2733

www.steenbocksonorchard.com

All Invited (Guests welcome)

Enjoy Breakfast at an

**Brainstorming Sessions** 

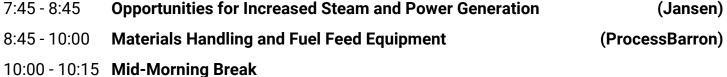


# **Thursday, May 23**

"Ask the Expert" Breakout Breakfast

6:45 - 7:45 Breakfast (provided by workshop sponsors):

## **Morning Technical Session**



10:15 - 11:15 Stack Testing: Why We Do It and How to Perform it Successfully (CleanAir)

11:15 - 12:15 **Boiler Condition Assessment During an Annual Shutdown** (Fornax Services)

12:15 - 1:15 **Lunch (provided by workshop sponsors)** 

#### **Afternoon Technical Session**

1:15 - 2:00	Analytical Tools for Evaluating Boiler Performance	(Jansen)
2:00 - 3:00	Modern Multivariable Control of Cogeneration Systems	(Enero Solutions)
3:00 - 3:15	Mid-Afternoon Break	
3:15 - 4:00	Multiclone Dust Collectors; Design and Performance	(ProcessBarron)
4:00 - 5:00	Technologies/Strategies to Control PM and Aerosol Emissions from Biomass Combustion	(LDX Solutions)
5:00 - 5:10	Closing Remarks and Workshop Ends	

### WORKSHOP SPONSORS













