

Agenda

Biomass Boiler Workshop
October 30 - 31, 2024
Gulfport, Mississippi

Wednesday, October 30

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 - 9:00 A Comparison of Biomass Combustion Systems and Guidelines for Combustion Optimization (Jansen)

9:00 - 10:15 Fans: Design, Efficiency, and Horsepower Requirements (ProcessBarron)

10:15 - 10:30 Mid-Morning Break

10:30 - 11:30 Optimization and Controls of Biomass Combustion Systems (Enero Solutions)

11:30 - 12:30 Sources and Nature of PM and Aerosol Emissions from Biomass Combustion (LDX Solutions)

12:30 - 1:30 Lunch (provided by workshop sponsors)

Afternoon Technical Session

1:30 - 2:40 Boiler Asset Risk Management Are you handling ALL the Risks? (Fornax Services)

2:40 - 3:40 Principles of Overfire Air System Design for Combustion Optimization (Jansen)

3:40 - 4:00 Mid-Afternoon Break

4:00 - 5:15 Cleaner Heat Surfaces - Wasting Less Energy: Systems For a Greener and More Available Boiler (Heat Management)

5:30 - 6:40 Attitude Adjustment Hour All Invited

7:00 - 9:15 Dinner (provided by workshop sponsors) All Invited (*Guests welcome*)

Dinner Restaurant:

Salute Italian Seafood Restaurant (5 minute walk from the Workshop hotel)

1712 15th Street

Gulfport, MS 39501 USA

Phone: +1 228.864.2500 (www.saluteitalian.com)

Thursday, October 31

“Ask the Expert” Breakout Breakfast

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

Morning Technical Session

- 7:30 - 8:45 **Materials Handling and Fuel Feed Equipment** (ProcessBarron)
- 8:45 - 10:00 **Opportunities for Increased Steam and Power Generation** (Jansen)
- 10:00 - 10:15 **Mid-Morning Break**
- 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

