

SYNGAS 2023 WORKING AGENDA *content may change at any time, please check for updates		** EACH HOUR SESSION, ATTENDEES RECEIVE 1 CPD	
MONDAY, APRIL 17		8 AM - 3 PM SPORTING CLAY TOURNAMENT, COVEY RISE LODGE	
		5:00 PM WELCOME RECEPTION	
TUESDAY, APRIL 18		8:00 AM OPENING GENERAL SESSION: Rob Sladek, Becht - RBI Program Best Practices, BALLROOM	
THE FOLLOWING 1 HR SESSIONS WILL BE HELD TUESDAY, APRIL 18, 9AM-4PM & WEDNESDAY, APRIL 19, 9AM-4PM, SPECIFIC DAYS AND TIMES TBD			
BREAKOUT SESSIONS		TECHNICAL PRESENTATIONS	
Maintenance / Reliability	Process		
SMR reformer inspections <b>Ernie Blanchard, Sr. Mechanical Engineer, HSI Group</b>	Process Control & Optimization	Improving Reliability of Waste Heat Boilers through Automation of Chemical Feed. <b>Veolia Water Treatment, Jay Corwin</b>	Gasifier & Burner equip. <b>A &amp; A fabrication</b>
HTHA	Water management & Reuse	Reducing Fired Heater CO2 & NOx Emissions and Fuel Consumption. <b>Christian Chanel, VP, Integrated Global Services (IGS)</b>	Detecting, Diagnosing and Resolving Structural Resonance. <b>Kyle Bowlin, Hydro, Inc.</b>
Rotating Asset Reliability (rotating equipment, pumps & compressors, turbines)	Green Ammonia	Minimizing Equipment Downtime <b>Elliott Group</b>	API 561 Standard Update. Reforming Furnaces for Hydrogen and Synthesis Gas Production in General Refinery and Petrochemical Services. <b>Ernie Blanchard, Senior Mechanical Engineer, HSI Group.</b>
Maintence Turnaround / Optimization	CO2 & NOx removal / emmsions compliance <b>Andrew Kline, SCR Efficiency SME, IGS</b>	Case Study: Overcoming temperature monitoring challenges and increasing reliability in syngas Pox gasifiers with sapphire-protected sensors. <b>Alina Green, WIKA</b>	The Benefits and Challenges of Filter Cleaning in Processing Applications. <b>Sue L. Reynolds, Technical Advisor, Carolina Filters, Inc.</b>
Dry Gas Seal applications in Refrig/SynGas Compressor services	Catalysts	Increasing Syngas and Ammonia Production by Eliminating Boiler Trips with Improved Pressure Control. <b>Mark Ferrra, Aaron Bridge, Manuel Vasquez,REXA, INC.</b>	Fin Fan cooling operation and cleaning (general)
Modern KBR design guideline/criteria for 101C/102C WHB units and Steam Drum	Carbon Capture loop/system (i.e., MDEA utility in Absorber/Stripper)	An innovative tubeskin thermocouple design that can provide highly accurate Continuous tube wall temperature monitoring in steam methane reformers. <b>Alina Green, WIKA</b>	
Modern design and insight on NH3 Synthesis Converter systems	<b>Newcomers</b> Rotating equipment basics - 101 <b>Mitch Romine, B &amp; E Resources</b>		
	Fixed equipment basics - 101		
	PSV - control valves & relief valves		
THURSDAY, APRIL 20 - OPTIONAL ADDITIONAL TRAINING 8am-12pm			
Laser cleaning	Heat Exchanger Tube Inspection	Robotics in NDT	Damage Mechanism