

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	
WEDNESDAY, APRIL 19		8:00 AM GENERAL SESSION: Mark Carte, Brian Olsen, Becht - Avoid Stress Relaxation Cracking Failures In Syngas Plants	
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 Training <b>Brian Olsen, Mark Carte, Becht</b>	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) <b>Clyde Dooley, P.E.</b>	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>
Maintenance Turnaround / Optimization	CO2 & NOx removal / emissions 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 <b>Dennis Schaibly</b>	Catalysts	Increasing Syngas and Ammonia Production by Eliminating Boiler Trips with Improved Pressure Control. <b>Mark Ferra, Aaron Bridge, Manuel Vasquez, REXA, Inc.</b>	Fin Fan cooling operation and cleaning <b>Matt Hebert</b>
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>	Smart Instrumentation / Smart Electrical
Modern design and insight on NH3 Synthesis Converter systems	<b>Newcomers</b> Rotating equipment basics - 101 <b>Mitch Romine, B &amp; E Resources</b>		
SCR	Fixed equipment basics - 101		
Convection Section Cleaning	PSV - control valves & relief valves		
<b>THURSDAY, APRIL 20 - OPTIONAL ADDITIONAL TRAINING 8am-12pm</b>			
Laser cleaning <b>Bartosz A. Dajnowski, G.C. Laser Systems, Inc.</b>	Tube Testing 101 - The "Need to Know" for Site Inspectors <b>Sean D. Hertzog, Advanced Inspection Technologies</b>	Robotics in NDT <b>Kimberly Hayes, Valkim Technologies</b>	