

SYNGAS 2021 CONCURRENT BREAKOUT SESSIONS

Rotating Asset Reliability (rotating equipment, pumps & compressors, turbines)	Seccession Planning Today	Developing Engineering Skills - Craft Training	TBD	RELIABILITY/MAINTENANCE
Critical Path Turnaround Planning & Post Turnaround Review	New Processes for old plants Renewable Hydrogen Production Technologies Decarbonization of Ammonia Production Facilities	PSM	"Employing Welding Automation on Their Jobsites" - Jason Triche & Greg Pruett, Nooter Specialty Services	PROCESS
Fixed Asset Reliability (piping, pressure vessels, heat exchangers)	Water Pretreatment Challenges -	World Class Operations	Optimizing Ammonia Plants with Process Digital Twins - Bill Poe, AVEVA	SAFETY
Reliability & Condition Based Maintenance	PSM WHERE WE ARE TODAY	Understanding Rotating Equipment	Primary Reformer Combustion Monitoring & Optimization with a Laser Grid - Tracy Keyes, Eric Huelson, & Eric Gebhard, OnPoint Digital Solutions, LLC	NEWCOMERS
Reformer Inspections API 561 UPDATE	Start Up & Control of Ammonia Conversion in Nitric Acid Production	Today's Catalyst Technology	Considerations for upgrading burner technology in down-fired reformers. Jim Davis, Rayford Forest, John Zink Hamworthy Combustion	PAPER PRESENTATIONS
Fitness for Services, and NDE Inspection	Ammonia Loading Safety Systems	People Skills, Professional Behavior	Obtained Emission Results with the MMV Scrubbing Technology for Urea Granulation. Wilfried Dirx, Stamicarbon B.V.	
TBD	HSE Best Practice	TBD	New Breakout Technology for Steam Methane Reforming for the Syngas Industry. Gary Bennington, Tom Ventham, Unicat Catalyst Technologies	