

AGENDA - @ - a - GLANCE

Week #1: Monday, October 5th thru Thursday, October 8th

Week #2: Monday, October 12th thru Wednesday, October 14th

All Times in Central

	TYPE	START TIME	END TIME	LENGTH	CONCURRENT SESSION "A"	CONCURRENT SESSION "B"
	MONDAY Oct 5	OPENING SESSION	9:00 AM	11:00 AM	120 min	Welcome and Opening Remarks (Marlan), Announcements (Suzanne), Keynote Address (Bill Cantrell)
EXHIBIT HALL		NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
Session 1		1:15 PM	2:00 PM	45 min	TP03: Is the Natural Gas Industry here to stay, or is it simply a short-term bridge fuel to 100% Renewable Energy?	TP40: A Method and Apparatus for Direct Enthalpy Rise Measurement for Gas Compression, Phase 3
Session 2		2:15 PM	3:00 PM	45 min	TP14: Reducing Methane Emissions from Centrifugal Gas Compressors	TP33: HBA Turbocharger Retrofit Incorporating Scavenge Cylinders for Low Torque Operation
Session 3		3:15 PM	4:00 PM	45 min	TP06: Modeling and Testing of Liquid Contamination in Dry Gas Seals	TP41: CEPM for Turbochargers
TUESDAY Oct 6		Session 4	9:00 AM	10:30 AM	90 min	MC16: Solving small bore problems for compressors and associated piping
	Session 5	10:45 AM	12:15 PM	90 min	MC07: Capacity Control of Reciprocating Compressors	
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 6	1:15 PM	2:00 PM	45 min	TP25: Reciprocating Compressor Lubrication – Oil Dilution with Natural Gas and the Impact on Lubrication Rates at Various Operating Conditions	TP38: The Importance of Engine Performance, Packaging and Emissions for Midstream Gas Compressor Stations – Kinder Morgan Case Studies
	Session 7	2:15 PM	3:00 PM	45 min	TP01: Development of a Robust Scrubber Level Controller – Part 2	TP43: Dew Point Measurement Research–A GMRC Project
	Session 8	3:15 PM	4:00 PM	45 min	TP18: Varnish Mitigation in Today's Modern Gas Turbines	
	VIRTUAL NETWORKING	4:15 PM	5:00 PM	45 min	"Ask the Expert" PANEL SESSION 1	

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WEDNESDAY Oct 7	Session 9	9:00 AM	10:30 AM	90 min	MC03: Transient Flow Modeling for Gas Compressor Systems	SC09: Foundation design practices for rotating machinery
	Session 10	10:45 AM	12:15 PM	90 min		
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 11	1:15 PM	2:00 PM	45 min	TP64: A Study of TER Control with Varying Fuel Reactivity and Proposed Control Modifications	TP55: GMRC Research Update – fiberoptic strain pulsation measurements
	Session 12	2:15 PM	3:00 PM	45 min	TP28: Testing Variable Orifices for Optimization of Reciprocating Compressor Pulsation Control and Performance	TP08: Zero-Dimensional Exhaust Gas Temperature Model for Two-Stroke Lean-Burn Engines
	Session 13	3:15 PM	4:00 PM	45 min	TP58: Surge valve flow-induced turbulence in a centrifugal unit	TP30: MACHINE LEARNING AND IIOT ENABLING UNSUPERVISED ANOMALY DETECTION ON COMPRESSORS AND OTHER OIL AND GAS EQUIPMENT
THURSDAY Oct 8	Session 14	9:00 AM	10:30 AM	90 min	MC12: Reducing pipe strain to reduce vibration – application of a GMRC guideline	SC06: Basic Thermodynamics of Reciprocating Compression
	Session 15	10:45 AM	12:15 PM	90 min	MC20: Creating Natural Gas Champions	
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 16	1:15 PM	2:00 PM	45 min	TP17: Renewables and the Use of Hydrogen Natural gas Mixtures in Pipelines.	TP09: Bigger isn't always better - A case study comparing two 2500 hp rich burn engine driven packages vs. a 5000 hp lean burn alternative for a compression station expansion.
	Session 17	2:15 PM	3:00 PM	45 min	TP59: Torsional Vibration Assessment and Mitigation	TP07: Using IIoT and AI to Augment a Reciprocating Engine and Compressor Analyst
	Session 18	3:15 PM	4:00 PM	45 min	TP22: Increase Reciprocating Compressor Wear Life: Seal System Optimization	TP27: Testing Rod Seal Leakage of a 700 HP Reciprocating Compressor
	VIRTUAL NETWORKING	4:15 PM	5:00 PM	45 min	"Ask the Expert" PANEL SESSION 2	

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MONDAY Oct 12	TYPE	START TIME	END TIME	LENGTH	CONCURRENT SESSION "A"	CONCURRENT SESSION "B"
		TECH UPDATES	9:00 AM	NOON	180 min	Tech Updates: 8-min Pre-Recorded
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 19	1:00 PM	4:00 PM	180 min		SC10: Introduction to pulsation and vibration on reciprocating compressors
	VIRTUAL NETWORKING	4:15 PM	5:00 PM	45 min	"Ask the Expert" PANEL SESSION 3	
TUESDAY Oct 13	TYPE	START TIME	END TIME	LENGTH	CONCURRENT SESSION "A"	CONCURRENT SESSION "B"
	Session 20	9:00 AM	10:30 AM	90 min	MC08: Condition Based Overhauls, Do you really know What Condition your Condition is In	SC02: Centrifugal Compressors: Principles, Design and Control
	Session 21	10:45 AM	12:15 PM	90 min	MC19: Piping design practices for reciprocating and centrifugal pumps	
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 22	1:00 PM	2:30 PM	90 min	MC05: Recip Diagnostics 101 – How to read the squiggly lines	SC12: Advanced Topics in Acoustics and Vibrations
	Session 23	2:45 PM	4:15 PM	90 min	MC06: Using Reciprocating Compressor Performance to make sure that your Compressor is being Operated Safely	
	VIRTUAL NETWORKING	4:15 PM	5:00 PM	45 min	"Ask the Expert" PANEL SESSION 4	
WEDNESDAY Oct 14	TYPE	START TIME	END TIME	LENGTH	CONCURRENT SESSION "A"	CONCURRENT SESSION "B"
	Session 24	9:00 AM	10:30 AM	90 min	MC10: Turbochargers Fundamentals: Airflow and Engine Matching	SC13: How to read air cooled heat exchanger specification sheets and fan performance curves properly
	Session 25	10:45 AM	12:15 PM	90 min	MC02: Resolution of expansion turbine rotordynamic instability at a compressed air energy storage (CAES) facility	
	EXHIBIT HALL	NOON	1:00 PM	60 min	PLEASE VISIT OUR AMAZING EXHIBITORS FOR LIVE DEMOS!	
	Session 26	1:00 PM	4:00 PM	180 min	SC05: Trapped Equivalence Ratio for Air-Fuel ratio Control – Review and Update	SC01: Ethical Decision Making - What would YOU do?
	VIRTUAL ANNUAL MTG	4:15 PM	5:00 PM	45 min	Annual Membership Meeting & Closing Session	

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