

July 30th-31st-August 1st, 2024

Committee Chair – Seth Johnson – TC Energy

Innio Engines – 1101 W St. Paul Avenue, Waukesha, WI 53188

All Times are Central Time

Day I - Tuesday, July 30th

8:00 a.m. – 9:00 a.m.	Day 1 Registration/Breakfast - Sponsored by Emerson
9:00 a.m. – 10:00 a.m.	Engine Cylinder Balancing <i>Dave Morris, IMES USA</i>
10:05 a.m. – 11:05 a.m.	Physical Flow Properties across valve and seat <i>Seth Johnson, TC Energy</i>
11:10 a.m. – 11:45 a.m.	Vibration system catches <i>Mark Hullinger, Williams</i>
11:45 a.m. – 12:45 p.m.	Day 1 Lunch/Social Hour sponsored by Ecom
12:45 p.m. – 1:30 p.m.	Basics of Turbine Monitoring <i>Ed Kelleher & Aaron Carper, Windrock</i>
1:35 p.m. – 2:35 p.m.	Rotary Screw Remote Monitoring and Optimization <i>Darnell Franco and Zach Bennett, Detection</i>
2:40 p.m. – 3:40 p.m.	Sometimes things really do work – a Case Study <i>Tomesh Taikaram and Jason Denley, Siemens Energy</i>
3:40 p.m. – 3:55 p.m.	Day 1 Break I
4:00 p.m. - 4:45 p.m.	INNIO Waukesha’s Powerful Future <i>Greg Polkus, Innio</i>
5:30 p.m. – 9:00 p.m.	Whirlyball event – 185 S Moorland Rd, Brookfield WI 53005 <i>Sponsored by Windrock</i>

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Day II - Wednesday, July 31st

7:30 a.m. – 8:30 a.m.	Day 2 Opening/Breakfast Sponsored by UPS Midstream
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- 8:30 a.m. – 9:15 a.m. **The Love/Hate relationship of Testing with an Electrochemical Sensor Analyzer**
Nick Orvis, ECOM
- 9:20 a.m. – 10:20 a.m. **Business Case for High-speed Reciprocating Machinery Analysis**
Scott Zielger & Ryan Gauthier, MPLX
- 10:20 a.m. – 10:35 a.m. **Day 2 Break I**
- 10:35 a.m. – 11:35 a.m. **Using Emerson’s PeakVue Technology for Compressor Related Analysis**
Eric Vess, Emerson
- 11:35 a.m. – 12:35 p.m. **Seeing Beyond: Advancements in Image Recognition for Engine and Compressor Diagnostics**
Steve McNair, Ramiro Quiroga, and Ed, Resonance
- 12:35 p.m. – 1:35 p.m. **Day II Lunch sponsored by Resonance**
- 1:35 p.m. - 2:20 p.m. **Backup, Bridge or Hedge – The Benefit of Self-Generation of Power**
Ryan Rudnitzki, Rpower
- 2:25 p.m. - 3:10 p.m. **Boroscopying Turbines**
Tommy Woodard, TC Energy
- 3:15 p.m. - 3:30 p.m. **Day II Break II**
- 3:30 p.m. – 4:45 p.m. **Innio Gas Engines Tour**
- 6:00 p.m. - 9:00 p.m. **Happy Hour at Eagle Park Brewery sponsored by Innio**
S64 W15640, Commerce Center Parkway, Muskego, WI 53150

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Day III - Thursday, August 1st

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| 7:30 a.m. – 8:15 a.m. | Day III Breakfast sponsored by IMES |
| 8:15 a.m. – 9:15 a.m. | Case Studies – Cam issues on NG engines
<i>Tracy Wimberly, UPS Midstream</i> |
| 9:15 a.m. – 9:45 a.m. | Combustion and Compression pressure sensors
<i>Dave Morris, IMES USA</i> |
| 9:45 a.m. – 10:30 a.m. | Methane reduction in piston-scavenged reciprocating integral engines
<i>Michael Manfredi and Nathan Hoffenbecker, RCT</i> |
| 10:45 a.m. – 11:45 a.m. | Roundtable Discussion
<i>Seth Johnson, TC Energy</i> |