

	Nueces Ballroom A	Nueces Ballroom B	Laguna Madre	Aransas	Copano	Matagorda	Bayview Room (First Floor)
Tuesday, February 20, 2018							
Lecture Classes						Hands On/Demonstration Classes	
7:30 - 9:30	Registration / Exhibits Open						
9:30 to 10:00	School Opening Remarks in Registration Area						
10:00-10:50	Meter Proving - The Role of the Witness Bynum Vincent Cameron Measurement	Fundamentals of Liquid Measurement Jerry Upton PETEX	Gas Quality Measurement Using TDL Analyzers Jesse Zapien ABB Oil & Gas Solutions	Technician's Guide to the Lab Taylor Barker Coastal Flow	Water Injection Testing of Liquid Sampling Systems Jim Strawn The Strawn Group	Omni Flow Computers	Flow-Cal TESTit
11:00-11:50	Understanding Proving and Proving Reports Henry James Crestwood	Determining BS&W in Crude Oil by Karl Fischer and Centrifuge Craig McWhorter Kam Controls	Challenges of Metering Eagle Ford Gases & Liquids Charles Derr Elster Instromet	Flow Computers for Liquid Measurement Brent Palmer ABB Oil & Gas Solutions	Measurement Accuracy when Addressing "Lost & Unaccounted For" Gas Duane Harris Flow-Cal	Promass Coriolis Meters	No Class At This Time
12:00-1:30	Lunch						
1:30-2:20	Troubleshooting Liquid Measurement Problems Jim Lee ONEOK	Proving Coriolis Meters in Crude Service Paul Mullen BHP Billiton	Automatic Liquid Sampling per API Chapter 8.2 Jim Klentzman Welker	Clamp On Ultrasonic Meters for Liquid and Gas Ron McCarthy Siemens	Mythbusters: Why Orifice Measurements Are Better Than You Think Steve Ifft Emerson - Daniel	Flow Management Devices Provers	Rosemount Tank Gauging
2:30-3:20	Care and Use of Liquid Phase Calibration Standards Tommy Addison Airgas	Modbus for Dummies Jared Weakley Texas Automation Systems	Coriolis Meters - Theory of Operation in Liquids Vanessa Klekar ABB Oil & Gas Solutions	Liquid Turbine Meter Fundamentals Patrick Laskey TechnipFMC	Installation and Operational Errors in Gas Measurement Terry Grimley SWRI	Programming and Troubleshooting Guided Wave Radar	Ametek Optical Oxygen Measurements
3:30-4:00	Break						
4:00-4:50	Calculation of Liquid Petroleum Quantities James Lee ONEOK	Installation and Operation of Densitometers Corky Atchison MV Atchison	Operational Experience with Rail Car Applications Martin Dudley WATCO	Ultrasonic Meters for Gas Measurement Darrell Kahanek SICK	Liquid Meter Proving Systems and Techniques Tim McGlynn FMD Distribution & Service	Repairing Smith PD Meters	Dual Role Proving Concepts (outside -meet in bus entrance area on Shoreline Drive)
5:00 - 6:00	Libation Sampling 101 (Hospitality Hour) Exhibit Hall - Fun Raffles and Great Prizes Cash Bar or Credit Card Payment for Drink Tickets						
Wednesday, February 21, 2018							
08:00-08:50	Proper Design of Crude Oil LACT Units Bob Petty Bobco / SCS	Fundamentals of Liquid Measurement Jerry Upton PETEX	NGL Measurement - Direct and Inferred Mass Dean Minehart MicroMotion	Everything You Ever Wanted to Know about H2S Measurement Kurt Webber Galvanic Applied Science	Better Results with Sampling and Shrinkages Homer Hinojosa FESCO, LTD	Operation & Maintenance of Daniel Senior Fittings	General 4-Way and Twinseal Valves
09:00-09:50	Troubleshooting Liquid Measurement Problems Jim Lee ONEOK	What's New in AGA Report #9? Michael Frey Cameron	Free Water Detection in Manual Measurement Martin Dudley WATCO	Liquid Metering Station Design Mike Brown Oil & Gas Process Specialties	Driving Down Costs with Wireless Automation Glenn Longley Oleumtech	Invalco S&W Monitors	MicroMotion Coriolis Meters
10:00-10:30	Break						
10:30-11:20	Design and Operation of Continuous Sampling Systems Corky Atchison MV Atchison	Orifice Meter Field Testing and Calibration Duane Harris Flow-Cal	Coriolis Meters - What Makes Them Tick and What Makes Them Sick Michael Keilty E&H	Smart Optimization of Measurement and Automation Data Braden Robinson ABB Oil & Gas Solutions	Chromatograph Maintenance and Troubleshooting Jamie Marsden Emerson - Rosemount Analytical	Clif Mock Sampling Systems	No Class At This Time
11:30-1:00	Lunch						
1:00-1:50	Field Experience with Liquid Coriolis Meters Panel	Cost of Ineffective Liquid Measurement Shawn Bellamy Pulse MAC	Natural Gas Flow Meters - Why Flow Calibrate? Terry Grimley SWRI	Importance of Strapping Field Tanks Cyle Foley The Foley Group	Crude Oil Sampling Duane Rowan Cameron	Siemens Clamp-On Ultrasonic Meters	Rosemount Analytical Chromatographs
2:00-2:50	Fundamental Well Site Automation Jared Weakley Texas Automation Systems	Considerations for the Meter Proving Witness Mike Smith Foley Group	Production Application Measurement Lisa James ABB Oil & Gas Solutions	Preventing Power Failures in the Field Andre Sholtz Solartron	Natural Gas Sampling Challenges in Eagle Ford Royce Miller SPL	Sampling Analysis for the Lab	ROCLink for FloBoss and ROC Flow Computers