

DRAFT

DRAFT CLASS SCHEDULE

Tuesday March 20, 2018

Time DAY 1	This Class Room 203	Class Room 205	Class Room 206	Class Room 209	Class Room 201/202	Class Room 204	Hands on / Demo 208	Exhibit Hall Large Demo
7:00	REGISTRATION - VIEWING OF EXHIBITS							
8:00	WELCOMING REMARKS & KEYNOTE ADDRESS							
	FUNDAMENTAL	Measurement	Panel	Leak Detection	Production Accounting	Measurement	Hands-on	Large Demo
9:40	What's New in AGA Report No. 9 Third Edition July 2017	Common Velocity Diagnostics for Ultrasonic Meters with Three or More Chords	Sample Collection for Accurate Analysis and Measurement	Pipeline Control and Leak Detection Performance Improvement Using Inferred Signals	Facility Delineation	Measurement Canada Regulations and Implications for the Hydrocarbon Measurement Industry	Real Life Case Studies of Gas and Liquid Metering	Determination of Oxygen in Natural Gas
10:30	David Crandall Gas Intermediate	Rick Rans & Warren Peterson Gas Advanced	Owen Krauss, Duncan Unrau, Mark Forbes & Brad Perin Gas and Liquid Intermediate	Noman Rasool & Bobbie Griffith Liquid Intermediate	Bill Cheung Gas and Liquid Intermediate	Dave Coone Gas and Liquid Intermediate	Wayne Dunnington	Nick Cosentino
10:30	COFFEE BREAK AND VIEWING OF EXHIBITS							
	FUNDAMENTAL	Thermal	Measurement Validation	NGL's	Measurement	Environment	Demo (Exhibit Hall)	Large Demo
1:00	Gas Analysis 101 - Reading & Interpreting Gas Analysis	Directive 42 MARP and Thermal Production Measurement	Testing of EFM Algorithms - What Do You Do When Directive 17 Test Cases Don't Apply?	NGL Fundamentals and Challenges for Custody Transfer	Using the Right Meter for the Job	Combustion Gas Measurement: Safety with Reference to API Recommended Practice 556	Installation Effects on Gas Flow Measurement Metering	Gravimetric Waterdraw Trailer
11:50	Pascal Bonnet Gas Novice	Mike Robley Gas and Liquid Intermediate	Mark Flynn Gas and Liquid Intermediate	Joey Clarke Liquid Novice	Maureen Evers-Dakers Gas and Liquid Novice	Robert Campbell Gas Advanced	Steve Moores	Brett Terry
11:50	LUNCH							
	FUNDAMENTAL	Production Accounting	Panel Discussion	Thermal	Measurement		Hands-on	Large Demo
1:10 -	API MPMS Production Measurement and Allocation Standards	How to Validate Your Gas Sales	Coriolis Panel	Improving Process Sampling with Automation. Reducing Human Interaction, Improving Repeatability and Reducing Costs	Defining Insanity		Omni Flow Computers	Roll of the Witness During a Gravimetric Water Draw of a Prover
2:00	Arun Kurian Gas and Liquid Intermediate	Ken Brinkac Gas Intermediate	Marc Buttler, Norm Seatter, Kyle Kergen, Howard Bergen, Peter Fazekas Gas and Liquid Intermediate	Matthew Pylychaty & Tyson Berghelm Liquid Intermediate	Wayne Dunnington Gas and Liquid Intermediate		Jeffery MacMillian	Tim McGlynn
	FUNDAMENTAL	Production Accounting	Panel Discussion	Sampling	Leak Detection	Communication Protocol		Large Demo
2:10 -	H2S Analysis Fundamentals	Royalty 101, Introduction to Royalty Concepts	Coriolis Panel	Financial Implications of Test Method Selection and Sampling for Condensate	Impact of Product Composition in Leak Detection Systems	Leveraging Digital Communication To Ensure Better Process Control		Accurate Viscosity Measurement at Reference Temperatures
3:00	Don Ford Gas Novice	David Isaac Gas and liquid Beginner	Marc Buttler, Norm Seatter, Kyle Kergen, Howard Bergen, Peter Fazekas Gas and Liquid Intermediate	Duncan Unrau Liquid Intermediate	Gary Fiselier & Andy Tan Liquid Advanced	Dirk Steyn Gas and Liquid Intermediate		Kevin Boehm
3:00	COFFEE BREAK AND VIEWING OF EXHIBITS							
	FUNDAMENTAL	Control System Security	Data Validation	Heavy Oil	Environmental		Demo	Large Demo
3:30 -	Better Chart Practices	Technically Secure: How Technical Controls Create Security for Industrial Control Systems	Improving Measurement Integrity Through Measurement Data Validation	Bitumen and Diluent Quality Best Practices for Blending and Measurement Considerations	Forthcoming Methane Regulations - A starting introduction		Importance of Meter tube and Orifice Fitting Inspections	Installation Considerations and Handling of Entrained Gas in Coriolis Flowmeters
4:20	Andrew Rau Gas and Liquid Novice	David Blanco Gas and Liquid Intermediate	Duane Harris Gas and Liquid Intermediate	Randy Segato Heavy Oil Advanced	Pascal Bonnet & Jonathon Wasylik Gas Intermediate		Joey Clarke	Steffen Baecker

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DRAFT CLASS SCHEDULE Wednesday March 21, 2018

Time	Class Room	Class Room	Class Room	Class Room	Class Room	Class Room	Class Room	Exhibit Hall
DAY	203	205	206	209	201/202	204	Hands on / Demo 208	Large Demo
7:00	REGISTRATION, VIEWING OF EXHIBITS							
8:30	Measurement	Level	Regulatory	Measurement	Production Accounting	Heavy Oil		Large Demo
	Uncertainties Within Centrifuge Methods	Frequency and Antenna Selection Effects on Accuracy of Free Space Radar	Implications of the Upcoming Methane Reduction and Reporting Regulations on Measurement and Production Accounting	Basics of Ultrasonic Flow Meters	Accounting for Lift Gas on Effluent Metered Wells	Human Errors In Crude Testing: How To Measure Them And What They Mean For Operations		Installation Considerations and Handling of Entrained Gas in Coriolis Flowmeters
9:20	Allen Wong & Lance Parkes	Gerhard Jansson	Ted Hart	David Crandall	Kevin Boyce	Ian Burgess		Steffen Baecker
	Liquid Intermediate	Liquid Advanced	Gas Intermediate	Gas and Liquid Novice	Gas and Liquid Intermediate	Liquid Intermediate		
9:30	H2S Measurement	Measurement	Measurement	Measurement	Regulatory		Demo (Exhibit Hall)	Large Demo
	Factors effecting Accuracy and Precision in H2S Measurements	Best Practices for Ensuring Data Integrity for Measurement Compliance	Understanding Measurement Accuracy	Coriolis Measurement with Entrained Gas	Industry Measurement Group Proposed Revisions to Alberta Energy Regulator Directive 017		Installation Effects on Gas Flow Measurement Metering	Gravimetric Waterdraw Trailer
10:20	Tim Giesbrecht	John Olyslager & Richard Bourque	Jonathon Wasyluk	Kyle Kergen	Colby Ruff		Steve Moores	Brett Terry
	Gas Advanced	Gas and Liquid Intermediate	Gas and Liquid Novice	Liquid Intermediate	Gas and Liquid Novice			
10:20	PRIZE DRAW, COFFEE BREAK AND VIEWING OF EXHIBITS							
11:00	FUNDAMENTAL	Measurement	Technology	Technology	Regulatory	Sampling	Demo	Large Demo
	Identifying and Avoiding Meter Installation Issues	Measurement of NGL with Coriolis Meters	Detecting Corrosion and Erosion - Testing In-situ Coriolis Verification Technology	Optimizing Natural Gas Liquid Production Using Near Infrared Spectroscopy	EPAP - What Was, What Is and What Can Be	Errors in Sample Collection - What do They Cost and How to Prevent Them?	Importance of Meter Tube and Orifice Fitting Inspections	Accurate Viscosity Measurement at Reference Temperatures
11:50	Jody Kutschera	Marc Buttler	Eric Harman & Kerry Checkwith	Phil Harris	Justin Dolan	Senia McPherson	Joey Clarke	Kevin Boehm
	Gas and Liquid Novice	Liquid Intermediate	Gas and Liquid Advanced	Gas and Liquid Advanced	Gas and Liquid Intermediate	Gas and Liquid Intermediate		
11:50	LUNCH							
1:10	FUNDAMENTAL	Sampling & Analysis	Panel	Heavy Oil	Regulatory		Hands-on	Large Demo
	Liquid Measurement Fundamentals	Best Practices for Liquid Hydrocarbon Sampling and Analysis	Ultrasonic in Flare	Accurate Real-time Process Measurement for Viscosity, Density, and BS&W in Custody Transfer Applications	ECON Update on Directive PNG017 and EPAP		Real Life Case Studies of Gas and Liquid Metering	Small Volume Prover
2:00	Robert Fallwell	Derek Fraser	Ryan Kurek, Wade Stinson, Jed Matson, Tom Pugliese	Matthew Pylychaty & Tyson Bergheim	Alison Dolter / Blake Linke		Wayne Dunnington	Tim McGlynn
	Liquid Novice	Liquid Intermediate	Gas Intermediate	Liquid Intermediate	Gas and Liquid Novice			
2:10	FUNDAMENTAL	Measurement	Leak Detection	Instrumentation	Case Study		Hands-on	Large Demo
	Differential Flow Meters	Custody Transfer Measurement and Calibration Options for Natural Gas with Coriolis Meters	Improved leak detection on Gathering Pipelines for the Upstream Oil and Gas Industry	IMG Recommended Practice For Intelligent Transmitter Verification Phase III Routine Transmitter Checks	The Challenge & Solution: Inventory Management of NGL's in 1.3m x 500m Horizontal Vessel		Omni Flow Computers	Errors in Calculating Hydrocarbon Dewpoints
3:00	Phil Barg	Marc Buttler	Jonathan Fielder	Rick Rans	Jason Reigert & Gord Bill		Jeffery MacMillian	Nick Cosentino
	Gas and Liquid Novice	Gas Intermediate	Gas and Liquid Intermediate	Gas and Liquid Advanced	Liquid Novice			
3:10	PRIZE DRAW, COFFEE BREAK AND VIEWING OF EXHIBITS							
3:30								

Exhibitor Spotlight - Pre-Function Area

Tuesday, March 20					Wednesday, March 21				
Time	Exhibitor	Speaker	Subject	Summary	Time	Exhibitor	Speaker	Subject	Summary
10:40 - 10:50	Cenozon	Bruce Wallace	One Minute Chart Reading Using Your Phone	Introducing InstantChart™ - the revolutionary smart phone app that makes PVR offers companies the industry's most comprehensive and efficient means of	10:30 - 10:40	Muddy Boots	Lillian Jarvis	MBO Analysis Management	A clean, intuitive product to manage lab data for producers and midstreamers.
12:00 - 12:10	CGI	Shannon Taylor	Production Volume Reporting	The TFS is a process analyzer that provides an all optical approach to speciating and	10:40 - 10:50	Envirosoft	Tim Biggs	Fuel, Flare or Vent Tracking Tool	Software for tracking and reporting unmetred fuel, flare, or vent volumes for
12:10 - 12:20	Envent	Adam Ruickbie	TFS Process Analyzer	Foxboro's new S-Series Pressure Transmitter Platform	12:00 - 12:10	Validere	Jon DeCoste & Sami Zakaria	Validere 360 - Quality & Measurement Platform	
12:20 - 12:30	Schnieder Electric	Justin Rechner	M-Flow Meter	Caron Controls and Sky Eye Measurement An overview of our products and services	12:10 - 12:20	Critical Control	Laura Woytiuk and Alexia Tedesco	NetFlow - Well Test App	Our presentation involves interviewing our other team members in attendance so Laura
12:30 - 12:40	Westech	Sean Kozicki	CPA FloCeck	Tapped flow conditioners, what's the big deal? What can it do for me?	12:20 - 12:30	Spartan	Brian Van Vliet	Pneumatic Efficiency - Quantifying Volumes Supplied to Pneumatic Devices	Pneumatic device (pump and instrument) retrofits are a key means of achieving a 45%
12:40 - 12:50	Caron Measurement	Grace Corry	Promass Q Meter	This meter is optimized to handle liquids with entrained gas and custody transfer. We will	12:30 - 12:40	Flow-Cal	Jessica Tyo	FLOWCAL Measurement Process	We will present a PowerPoint slide that shows the data flow into the FLOWCAL
12:50 - 1:00	CPA	Curtis Cowell			12:40 - 12:50	Envent	Andy Benton	Condumax and OptiPEAK TDL 600	The Michell Condumax II is an online hydrocarbon dewpoint analyzer as well as
3:10 - 3:20	Endress & Hauser	Brandon Cornthwaite			12:50 - 1:00	CB Engineering	Sandro Esposito	Signal Fire	