NOVEMBER 9, 2017 | WASHINGTON, PENNSYLVANIA

Upstream Oil & Gas Solutions Conference
Schedule of events

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Welcome

Leave the cooking to us

ABB is hosting lunch during the conference so you can focus on the information and material being presented throughout the day. ABB trainers and staff will be on hand to discuss, answer questions and provide more information during the break.

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**01 YETI Roadie 20
Cooler, White**
—
**02 Dewalt Jump
Starter/Digital
Air Compressor**
—
**03 3M ProTac Shooter
Headset, Green**
—
**04 Beats by Dr. Dre On
Ear Headphone, Black**
—
**05 JBL Flip 4
Waterproof Portable
Bluetooth Speaker**

Win a Pelican Cooler, Beats by Dr. Dre, and more

We will be giving away plenty of prizes for conference attendees!

We will also be giving away a prize for using our event hashtag! Use **#ABBupstreamPA** in all of your social media posts to win!

01   **02**   **03**   **04**   **05**

01 02 03 04 05 06 07 08

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Superior products

Whatever your application, ABB provides a wide range of instrumentation, analyzers and automation solutions for the upstream oil and gas chain to help you manage your operations safely, productively, and profitably.

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01 1 Oil, Gas, and Water Flow

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02 Multivariable

—
03 Flow Computers and RTUs

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04 Wireless

—
05 Pressure and Temperature

—
06 Level

—
07 Valve Control

—
08 Analyzers

Upstream solutions – Measure, automate, and optimize your field
As a leader in automation to the oil and gas industry, ABB Upstream offers a complete solution comprising of primary meters, transmitters and our flow computers. ABB's automation intelligence technology enables you to make more profit in a sustainable way.

Wireless solutions – Increase exploration and production efficiency
ABB Wireless networks meet the communications needs of oil and gas exploration and production, delivering reliable, high capacity networks that operate over large areas under extreme conditions to increase operational efficiency and safety.

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Class descriptions

ABB WIRELESS
Renner Vaughn, *Program Lead*

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Learn about ABB's modern wireless architecture and purpose-built solutions for the well pad that enable real-time SCADA, video, and mobile work order applications anywhere in the field.

ASK THE EXPERTS: Q&A
Multiple ABB Staff Members

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ABB staff will be on hand to answer your questions and provide information related to flow computers, remote controllers, and gas chromatographs in a low-key and informal setting.

AUTOMATION: RMC
BJ Walker, *Automation Sales Manager*

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The class covers functionality & performance, integration into ABB enclosures (*Xcore*), examples of different wellpad configuration files, interfacing with instrumentation, host systems, and local HMIs.

AUTOMATION APPLICATIONS
BJ Walker, *Automation Sales Manager*

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Participants learn about the automation applications available in the XSeries family of products. Emphasis is on I/O communications plus system and utility applications including trending, alarms, valve control, pid, shutdowns, artificial lift, and more.

CHEMICAL MANAGEMENT
Brad Tipps, *Solution Architect*

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Discover an integrated solution for inventory, management, and optimal chemical injection across a site and a field. Learn how this system helps you better manage inventory/well optimization.

CORIOLIS/MAG MEASUREMENT
Michael Kohlmann, *Sales Specialist*

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Overview of flow measurement, Coriolis, electromagnetic and mechanical flowmeters, including applications, sizing and proper installation, and the differences and uses for each.

FIELD TROUBLESHOOTING
Russ Parsons, *Senior Field Technician*

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Study best practices for assessing and solving common troubleshooting scenarios faced in the field. Covering all products and including communication, hardware and software.

FLOW COMPUTER APPLICATIONS
Russ Parsons, *Senior Field Technician*

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Learn the basic functions and controls available utilizing the Totalflow operations and trending apps. An explanation of these functions will be presented, as well as a "real world" custom configuration that will demonstrate how an advanced function can be developed and implemented.

INSTRUMENTATION
Jim Holden, *Product Manager | FID*

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Review of the features and benefits of monitoring and control with ABB's suite of pressure, temperature, I/P converter, and new multivariable transmitters.

LACT / OIL & WATER TRANSFER
Braden Robinson, *Solution Architect*

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Overview of the IEC Liquid Transfer app for use in Truck/Pipeline LACT systems as well as Water Transfer systems. The user will be shown how to setup and use this app for their transfer applications.

NATURAL GAS CHROMATOGRAPH
Richard Thompson, *Field Technician*

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Through a discussion of ABB's extended chromatograph offerings, the class equips the students with a basic understanding of chromatography through configuration of the ABB natural gas chromatograph.

ARTIFICIAL LIFT: GAS LIFT
Braden Robinson, *Solution Architect*

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An in-depth look at the Gas Lift application, including theory & concepts, hardware and automation and Valve Control/PID set-up. Learn basic/advanced options in the app, as well as how to set up GAPL/PAGL systems.

ARTIFICIAL LIFT: PAS 2.0
Braden Robinson, *Solution Architect*

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Intro to the PAS 2.0 software and how to optimize, Lift theory, concepts, & best practices. Learn how the logic for this app functions, the "how-to's" on set-up for plunger control, and On/Off times.

ARTIFICIAL LIFT: PLUNGER LIFT
Braden Robinson, *Solution Architect*

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Intro to Plunger Lift theory, concepts, & best practices. Learn how the logic for this app functions, the "how-to's" on set-up for plunger control, On/Off Times, and our new optimization software, PAS 2.0.

SPIRIT IT HARDWARE/SOFTWARE
Dustin Setrakov, *Business Development*

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This class covers liquid custody transfer applications such as LACTs, crude oil gathering stations, and pipeline metering stations along with an in depth look at configuring the Flow-X flow computer.
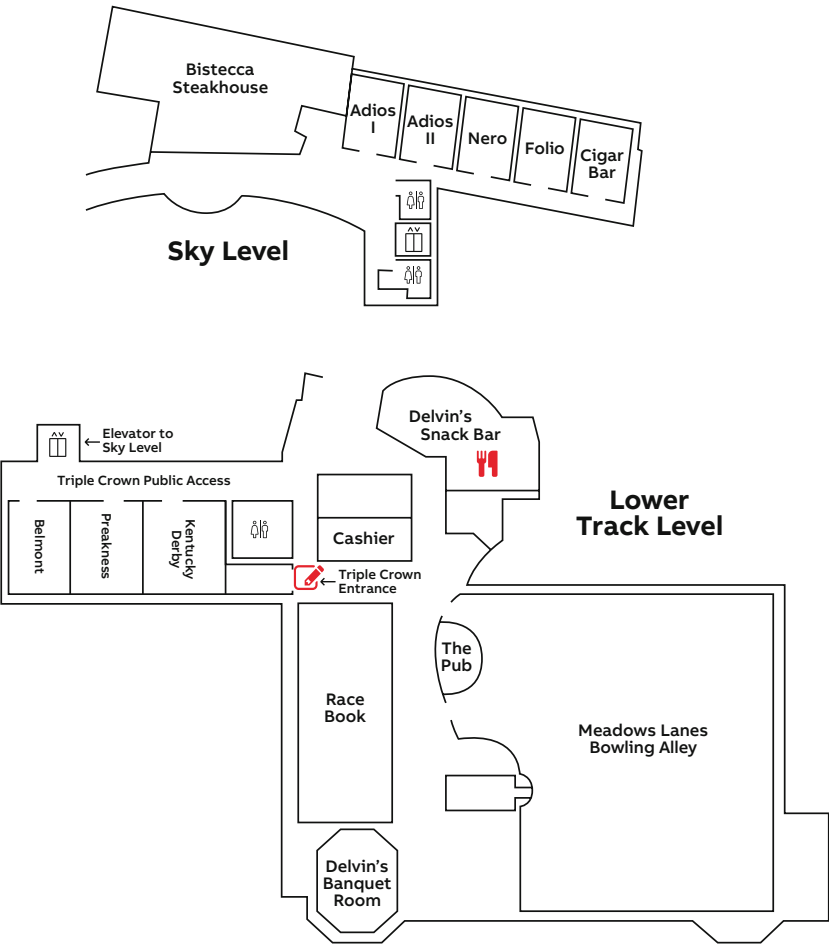
WINCCU
Greg Smith, *Product Manager | Software*

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Attendees study the use of Windows Central Collection Unit (WinCCU) software to schedule, collect, configure, edit, and report on data coming in from the well sites to maximize field system performance.

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Schedule of events

The schedule format allows you to attend more in-depth classes on new and existing products, as well as application-specific topics including chemical applications, broadband wireless communications, and full site automation.

Time	Class	Location
6.45a – 8.00a	✎ Registration	Triple Crown Entrance
8.00a – 8.30a	General session	Belmont
8.45a – 10.00a	Coriolis/Mag Measurement	Kentucky Derby
	Automation: RMC	Preakness
	LACT / Oil & Water Transfer	Adios II
	Flow Computer Applications	Adios
	Natural Gas Chromatograph	Nero
10.15a – 11.30a	ABB Wireless	Kentucky Derby
	Field Troubleshooting	Preakness
	Artificial Lift: Gas Lift	Adios II
	Automation Applications	Adios
11.30a – 12.30p	🍴 Lunch	Delvins Snack Bar
12.30p – 1.45p	Coriolis/Mag Flow Measurement	Kentucky Derby
	Instrumentation	Preakness
	Automation: RMC	Adios II
	Flow Computer Applications	Adios
	Natural Gas Chromatograph	Nero
2.00p – 3.15p	ABB Wireless	Kentucky Derby
	Field Troubleshooting	Preakness
	Artificial Lift: PAS 2.0	Adios II
	Spirit IT Hardware / Software	Adios
	WinCCU	Nero
3.30p – 4.45p	Instrumentation	Kentucky Derby
	Chemical Management	Preakness
	Artificial Lift: Plunger Lift	Adios II
	Spirit IT Hardware / Software	Adios
	Ask The Experts: Q&A	Nero
5.00p – 5.15p	Final assembly	Belmont

ABB

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