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OCTOBER 12, 2017 | ODESSA, TEXAS

# Upstream Oil & Gas Solutions Conference

## Schedule of events



## 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! Drawings will be held during lunch, and you must be present to win!

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

\*You must provide a business card to enter the drawings.





## 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.

- 01 Oil, Gas, and Water Flow
- 02 Multivariable
- 03 Flow Computers and RTUs
- 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

BJ Walker, *Automation Sales Manager*

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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

Shawn Rector, *Technical Training*

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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

Russ Parsons, *Senior 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

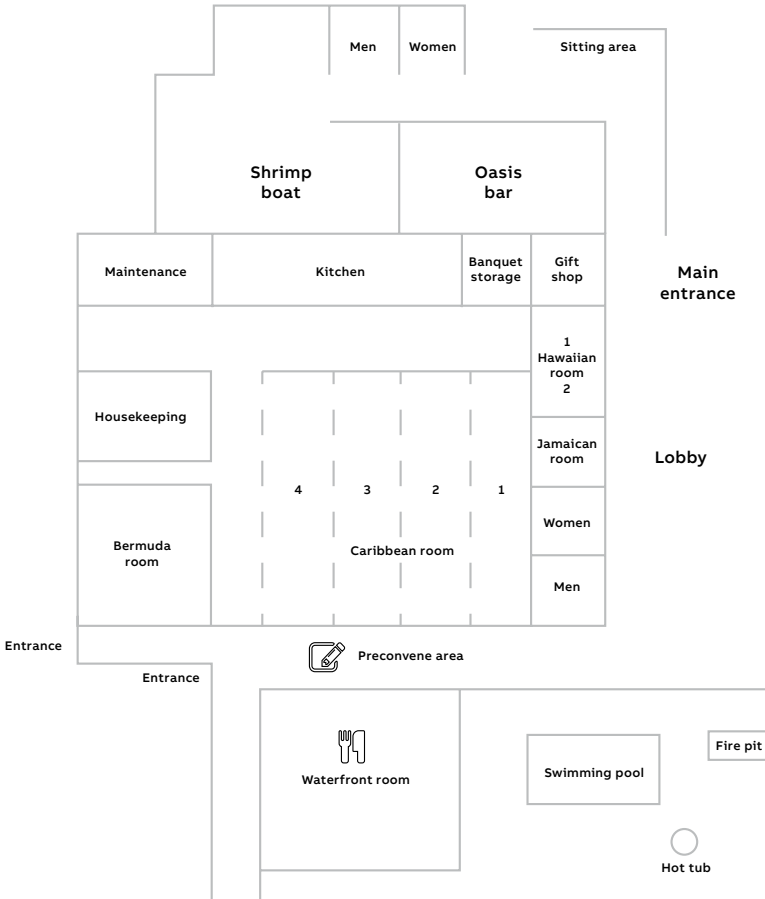
Greg Smith, *Product Manager | Software*



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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.

## Schedule of events

This year's 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.



<b>Time</b>	<b>Class</b>	<b>Location</b>
6.45a – 8.00a	 Registration	Preconvene Area
8.00a – 8.30a	General session	Salon 1
8.45a – 10.00a	Coriolis/Mag Measurement	Hawaiian Room
	LACT / Oil & Water Transfer	Bermuda Room
	Automation: RMC	Salon 1
	Flow Computer Applications	Salon 3
	Natural Gas Chromatograph	Salon 4
10.15a – 11.30a	ABB Wireless	Hawaiian Room
	Field Troubleshooting	Bermuda Room
	Artificial Lift: Gas Lift	Salon 1
	Automation Applications	Salon 3
11.30a – 12.30p	 Lunch	Waterfront Room
12.30p – 1.45p	Coriolis/Mag Flow Measurement	Hawaiian Room
	Instrumentation	Bermuda Room
	Automation: RMC	Salon 1
	Flow Computer Applications	Salon 3
	Natural Gas Chromatograph	Salon 4
2.00p – 3.15p	ABB Wireless	Hawaiian Room
	Field Troubleshooting	Bermuda Room
	Artificial Lift: PAS 2.0	Salon 1
	Spirit IT Hardware / Software	Salon 3
	WinCCU	Salon 4
3.30p – 4.45p	Instrumentation	Hawaiian Room
	Chemical Management	Bermuda Room
	Artificial Lift: Plunger Lift	Salon 1
	Spirit IT Hardware / Software	Salon 3
	Ask The Experts: Q&A	Salon 4
5.00p – 5.15p	Final assembly	Salon 1



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**Measurement & Analytics**

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