



August 19, 2015 – Bakersfield, California

# Upstream Oil & Gas and Wireless Solutions Conference Schedule of events

Power and productivity  
for a better world™



# Welcome to Bakersfield

## Reception – Wednesday night



Join us after classes are over for a reception at the Bakersfield Marriott. Relax with friends and colleagues as we celebrate a successful event. Drinks and hors d'oeuvres will be provided as well as prizes throughout the event. Come join us!

## 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.

## Win tickets to a Dodgers game



We will be giving away tickets to a Dodgers baseball game, a Nike golf bag, a Pelican cooler, a Callaway golf club, a Leatherman knife, and a \$100 Best Buy gift card! Drawings will be held during lunch and the reception, and you must be present 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.



**1 Oil, Gas, and Water Flow | 2 Multivariable | 3 Flow Computers / RTU | 4 Wireless  
5 Pressure and Temperature | 6 Level | 7 Valve Control | 8 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.

# Class descriptions

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## Boosting Performance with Wireless Solutions

### Trainer – Renner Vaughn

ABB Wireless improves existing operations, giving companies cleaner real time data without great expense. Providing industry leading solutions is what we are about.

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## Coriolis / Mag Flow Measurement

### Trainer – Michael Kohlmann

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

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## DP / Vortex Flow Measurement

### Trainer – Kevin Green

Overview of differential pressure and vortex flow measurement, differences between meters, pros and cons of use, product installation, and the different applications and benefits of the flow meters.

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## Field Instrumentation Devices

### Trainer – Jim Holden

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

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## Field Troubleshooting

### Trainer – David Sanford

Common troubleshooting scenarios faced in the field. Covering all products and including communication, hardware and software.

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## Flow Computer Applications

### Trainer – Greg Smith

Overview of selectable units, app instantiation and licensing, AGA3, AGA7, V-cone, NIST 14 gas, NIST 14 liquids, wedge gas, flow nozzle, API liquids, Coriolis, meter installation and hands-on AGA3 tube setup.

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## Level Measurement and Applications

### Trainer – Jim Holden / Darren Malo

Learn how to keep production on line and safe for personnel and the environment with contact and non-contact technologies.

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## NGC Overview

### Trainer – David Sanford

The class equips the students with a basic understanding of chromatography through configuration of the ABB chromatograph.

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## Reduce Costs with Wireless Solutions

### Trainer – Renner Vaughn

ABB Wireless provides solutions that increase productivity, safety and performance while reducing operational cost. Doing more with less cost is what we are about.

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## Site Automation

### Trainer – John Green

An overview of automation and artificial lift applications / capabilities within ABB's flow computers and remote controllers.

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## Spirit IT Liquid Flow Computers / System

### Trainer – Ed Smyth

Introduction to the FlowX liquid & gas flow computer, eXLerate software, their capabilities and unique web user interface. Examples include applications in pipelines, custody transfer, LACT, ACT and total station measurement.

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## Totalflow FCU / RTU Overview

### Trainer – Jimmy Weaver

Overview of standard hardware and software capabilities within ABB's flow computers and remote controllers.

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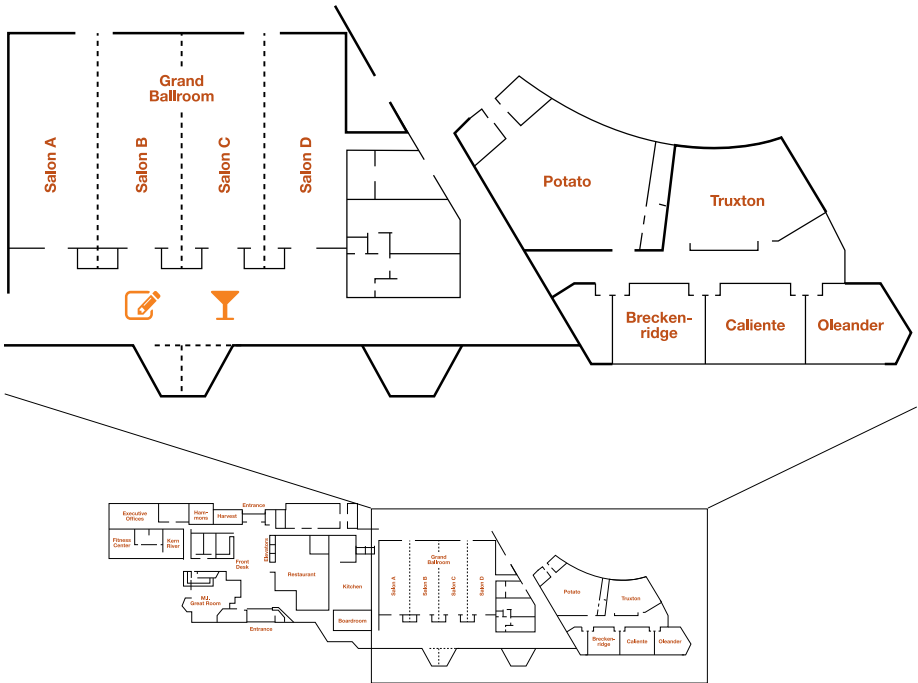
## Ultrasonic Level / Chemical Application

### Trainer – John Green

An overview of chemical tank level management and chemical injection control.

# 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.



# Use #ABBupstreamCA in all of your social media posts!

6.45a – 8.00a	Registration 	Ballroom Lobby
8.00a – 8.30a	General Session	Grand Ballroom
8.45a – 10.00a	Coriolis / Mag Flow Measurement	Oleander
	Field Instrumentation Devices	Caliente
	Reduce Costs with Wireless Solutions	Breckenridge
	Field Troubleshooting	Potato
	DP / Vortex Flow Measurement	Truxton
	Site Automation	Grand Ballroom
10.15a – 11.30a	Spirit IT Liquid Flow Computers / System	Oleander
	Ultrasonic Level / Chemical Application	Caliente
	Reduce Costs with Wireless Solutions	Breckenridge
	Coriolis / Mag Flow Measurement	Potato
	DP / Vortex Flow Measurement	Truxton
	Totalflow FCU / RTU Overview	Grand Ballroom
11.30a – 12.30p	Lunch	Salon B
12.30p – 1.45p	Coriolis / Mag Flow Measurement	Oleander
	Field Instrumentation Devices	Caliente
	Boosting Performance with Wireless Solutions	Breckenridge
	NGC Overview	Potato
	Flow Computer Applications	Truxton
	Site Automation	Grand Ballroom
2.00p – 3.15p	Spirit IT Liquid Flow Computers / System	Oleander
	Level Measurement and Applications	Caliente
	NGC Overview	Potato
	Flow Computer Applications	Truxton
	Totalflow FCU / RTU Overview	Grand Ballroom
3.30p – 4.45p	Level Measurement and Applications	Oleander
	Ultrasonic Level / Chemical Application	Caliente
	Boosting Performance with Wireless Solutions	Breckenridge
	Field Troubleshooting	Potato
	Coriolis / Mag Flow Measurement	Truxton
	Totalflow FCU / RTU Overview	Grand Ballroom
5.00p – 5.15p	Final Assembly	Grand Ballroom
5.15p – 8.00p	Reception 	Ballroom Lobby

# Contact us

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## **Follow us on social media!**

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