October 14-15, 2014 – San Antonio, Texas

Upstream Oil & Gas Conference
Schedule of Events

Power and productivity
for a better world™

ABB

Welcome to San Antonio
Conference Entertainment

Conference Reception – Tuesday October 14

Join us for our conference reception on Tuesday evening from 5:00 – 7:00pm by the pool on the fifth floor of the Grand Hyatt. Relax with friends and colleagues as we celebrate this regional conference in style. Drinks and hors d'ouevres will be provided as well as prizes throughout the event.

Leave the cooking to us!

ABB is hosting breakfast and lunch during the conference on Tuesday, and breakfast on Wednesday 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 your questions and provide more information.

Win a YETI cooler! #BuiltfortheWild

Have your business card ready to for a drawing to win the indestructible YETI cooler. We will have a drawing during the reception on Tuesday night for this and other cool prizes such as an iPad Mini and a GoPro Camera.

Use #ABBUpstreamTX in all of your social media posts!

Keynote Speaker – Karen Moreau

We are excited to have Karen Moreau speak to us about local advocacy where oil and gas issues are concerned and how you can wield your influence in your community to promote the production of America's greatest fuel resource.

Karen Moreau is an attorney from Feura Bush, New York who is the Executive Director of the NYS Petroleum Council, a division of the American Petroleum Institute. Prior to joining API in 2012, she practiced real estate, land use, and business law for more than 25 years. She also owns and manages her own farm, and grew up on a mushroom farm in the Hudson Valley.

Karen also has served as general counsel to an industrial port on the Hudson River, and co-founded the Foundation for Land and Liberty, a non-profit legal foundation which focuses on the protection of private property ownership and economic freedom. In 2011, she traveled extensively in northern Pennsylvania and the southern tier of New York, where she interviewed dozens of citizens regarding natural gas development. She has numerous op-ed publications in the New York Post and has appeared on Fox National TV, local tv, and radio programs discussing hydraulic fracturing, how it works, and the impact of natural gas development.

In 2011, she produced a short film, "The Empire State Divide", based on her travels and interviews in New York and Pennsylvania, which depicts the economic decline of upstate New York as the result of the loss of agriculture and industry, and the hope natural gas development offers.

Class Descriptions

Artificial Lift Applications
Location – Bonham D
Trainer – Austin Lame
An overview of the software applications used to optimize well production.

Automation Applications
Location – Bonham C
Trainer – Elaine McEwen
This class looks at applications in automation including emergency shut-down, the proportional-integral-derivative controller, valve control and data trending.

DP Flow: Wedge, Vortex, Swirl
Location – Bonham C
Trainer – Kevin Green
Overview of DP flow measurement, differences between meters, pros and cons of use, and product installation. Review the different applications and benefits of the flow meters.

Field Monitoring Devices
Location – Bonham D
Trainer – Cam Spitzer
Brief description about the features of ABB's line of wireless WellTell devices, pressure transmitters, temperature transmitters, I/P converters and multivariables (XMVs).

Level Measurement
Location – Bonham D
Trainer – Cam Spitzer
Presents the specifications of the LevelMaster, Guided Wave Radar, and ultrasonic transmitter, demonstrates how to setup the software for sensors, and explains installation / trouble-shooting tips.

Liquid Measurement Application
Location – Bonham B
Trainer – Barry Balzer
This session will cover the set-up and calibration of the latest ABB liquid measurement application.

Liquid Measurement: Coriolis / Magmeter
Location – Bonham C
Trainer – Mike Kohlmann
This class is designed to give the user a basic overview of the ABB Coriolis meter, general flow measurement, magmeters, and mechanical flowmeters and a discussion of the differences and uses for each.

NGC Liquid Measurement Solutions
Location – Bonham E
Trainer – Steve Lakey
In this class, you will learn NGC liquid injection system. We will also be giving an overview of the NGC8106 composite sampler replacement.

NGC Setup and Installation
Location – Bonham E
Trainer – Rusty Thomas
This class covers the basics in installation and set-up of the gas chromatograph.

NGC Troubleshooting / Diagnostics
Location – Bonham E
Trainer – Rusty Thomas
This class explores the various aspects of troubleshooting and diagnostics related to the NGC.

RVP Analyzers
Location – Bonham E
Trainer – Barry Landaiche
Discover the benefits of the RVP analyzers and Process GCs such as the PGC5000 and it's use in heavy extraction.

Tropos Communications
Location – Bonham C (Tuesday)
Location – Bonham D (Wednesday)
Trainer – Sam Mabin
Overview of Tropos wireless communications routers, mesh-network architecture and operation in an oil/natural gas production environment.

XFC and µFlo Basics
Location – Bonham B
Trainer – Gerald Sharp
This class covers an overview of PCCU along with calibration, 32-bit loader, save and restore fuctions, and communications features of the XFC and µFLO.

XRC Basics
Location – Bonham B
Trainer – Gerald Sharp
This class covers an overview of PCCU along with calibration, 32-bit loader, save and restore fuctions, and communications features of the XRC.
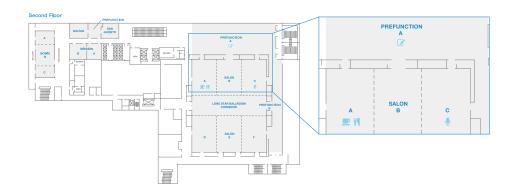
Hands-on training classes
Location – Bonham A
Trainer – Jeff Cushing
These hands-on classes are designed as an overview to the XFC flow computer. The training sessions will cover a history of the Totalflow XFC and the features of the XFC including applications and licensing. The sessions will also feature labs that cover save & restore, 32 bit loader, collecting and saving data, calibration, trending, display, operation and ethernet remote communications. There will be breaks and times for questions throughout the class sessions.

Schedule of Events
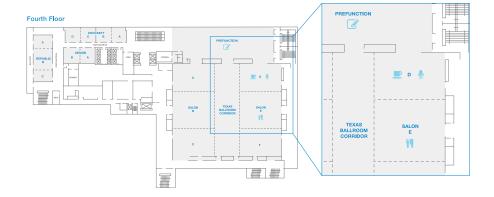## Tuesday, October 14, 2014

Second Floor

Schedule at a glance

Time			
6.30a – 8.30a	✏️	Registration	Lone Star Prefunction A, Second Floor
6.30a – 8.30a	☕	Breakfast	Lone Star A, Second Floor
8.00a – 9.00a	🎤	General Session	Lone Star C, Second Floor
9.15a – 11.30a	👥	Breakout Sessions	Bonham B-E, Third Floor
9.15a – 11.30a	⚙️	Hands-on Training	Bonham A, Third Floor
11.30a – 12.30p	🍴	Lunch	Lone Star A, Second Floor
12.45p – 4.15p	👥	Breakout Sessions	Bonham B-E, Third Floor
12.45p – 4.15p	⚙️	Hands-on Training	Bonham A, Third Floor
5.00p – 7.00p		Reception	Poolside, Fifth Floor

⚙️ Hands-on Training Sessions
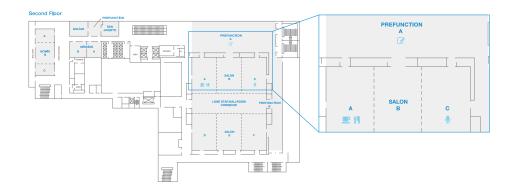
Time	Session	Location
9.15a – 11.30a	Basic XFC	Bonham A, Third Floor
12.45p – 4.15p	Basic / Advanced XFC	Bonham A, Third Floor

Fourth Floor

👥 Breakout Sessions

8.00a – 9.00a	🎤 General Session	Lone Star C, Second Floor
9.15a – 10.15a	XFC and μFlo Basics	Bonham B, Third Floor
	Automation Applications	Bonham C, Third Floor
	Field Monitoring Devices	Bonham D, Third Floor
	NGC Setup and Installation	Bonham E, Third Floor
10.30a – 11.30a	Liquid Measurement Application	Bonham B, Third Floor
	DP Flow: Wedge, Vortex, Swirl	Bonham C, Third Floor
	Artificial Lift Applications	Bonham D, Third Floor
	RVP Analyzers	Bonham E, Third Floor
11.30a – 12.30p	🍴 Lunch	Lone Star A, Second Floor
12.45p – 1.45p	XRC Basics	Bonham B, Third Floor
	Liquid Measurement: Coriolis / Magmeter	Bonham C, Third Floor
	Field Monitoring Devices	Bonham D, Third Floor
	NGC Troubleshooting / Diagnostics	Bonham E, Third Floor
2.00p – 3.00p	XFC and μFlo Basics	Bonham B, Third Floor
	DP Flow: Wedge, Vortex, Swirl	Bonham C, Third Floor
	Artificial Lift Applications	Bonham D, Third Floor
	NGC Liquid Measurement Solutions	Bonham E, Third Floor
3.15p – 4.15p	XRC Basics	Bonham B, Third Floor
	Tropos Communications	Bonham C, Third Floor
	Level Measurement	Bonham D, Third Floor
	RVP Analyzers	Bonham E, Third Floor

Schedule of Events
Wednesday, October 15, 2014

Schedule at a glance

7.00a – 8.00a	☕ Breakfast	Lone Star A, Second Floor
8.00a – 8.30a	🎤 General Session	Lone Star C, Second Floor
8.45a – 12.15p	👥 Breakout Sessions	Bonham B-E, Third Floor
8.45a – 12.15p	⚙ Hands-on Training	Bonham A, Third Floor

⚙ Hands-on Training Sessions

8.45a – 12.15p	Advanced XFC	Bonham A, Third Floor

Third Floor

👥 Breakout Sessions

Did you know?

San Antonio, officially named the City of San Antonio, is the seventh most populous city in the United States of America and the second most populous city in the state of Texas.

– San Antonio was founded over 300 years ago during a Spanish expedition.

– San Antonio was named for the Portuguese St. Anthony, whose "feast day" is on June 13, when a Spanish expedition stopped in the area in 1691.

– The San Antonio River starts at "Blue Hole" spring, University of the Incarnate Word, San Antonio.

– "Paseo del Rio" is the Spanish translation for River Walk, or literally Walk of the River.

– The San Antonio River is 240 miles in length.

– The original River Walk was built from 1938 to 1941 as a WPA (Work Project Act) at a cost of $430,000.00.

– San Antonio is the 7th largest city in America and the 2nd largest in Texas.

– San Antonio enjoys 300 days of sunshine annually and an average temperature of 70 degrees.

– San Antonio has the top tourist attractions in Texas: the Alamo and the River Walk 26 million visitors a year make their way to San Antonio.

– The five Spanish colonial missions established along the San Antonio River are all active Catholic parishes, except for the Alamo.

– The Spanish missions were not churches but Indian towns. In the 1700's native people learning to become Spanish citizens had to be Catholic; that is why the King of Spain sent missionaries to acculturate them.

– The first cattle drives originated from the San Antonio Spanish missions. Vaqueros drove hundreds of cattle, sheep, and goats to Louisiana during the American War for Independence to supply American colonists.

– The San Antonio River ends at convergence with the Guadalupe River, Refugio County.

– San Antonio is the Military home to Fort Sam Houston, Lackland Air Force Base, Randolph Air Force Base, Randolph Air Force Base and Brooks City-Base with Camp Bullis and Camp Stanley right outside the city.

– Historic "Old Brack" Brackenridge Golf Course constructed in 1915, one of very few public courses designed by A.W. Tillinghast - opened in 1916 and was the first public golf course in Texas and hosted the Texas Open from 1922-1959.

– San Antonio is full of spectator sports the San Antonio Spurs, WNBA Silver Stars, Rampage Ice Hockey, Missions Baseball and the PGA Valero Texas Open.

Superior Products

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

Computer interface	Production automation	Instrumentation	Measurement	Control
SCADAvantage	**Applications**	**Pressure**	**Flow computer**	**Valve control**
TF.net	Chemical inject	266HSH high press	XFC	ABB positioner
WinCCU	Plunger lift	261GSH low press	MicroFLO	I/P converter
PCCU	Gas lift	**Temperature**	Tube switching	**RTU**
Tropos control	Valve control	TTH300 high temp	**Analyzer**	XRC
Network wireless	PID loop	**Level**	NGC	
Tropos gateway	IsaGraf logic	MT5000 GWR	PGC	
Tropos radio	LACT control	ABB Levelmaster	Reid Vapor Press	
WellTell wireless	Pump control	High level switch	**RTU**	
	Emergency shutdown	K-tek vibrating fork	XRC	
	RTU	**Flow**		
	XRC	Coriolismeter		
		Magmeter		
		Vortex		
		Swirl		
		DP Flow		
		WedgeMaster		

Contact us

ABB Inc.
Totalflow Products
Main Office
7051 Industrial Boulevard
Bartlesville, Oklahoma 74006
Ph: +1 918 338 4888
        +1 800 341 3009
Fax: +1 918 338 4699

www.abb.com