



February 16-17

2011 ABB Totalflow Measurement and Automation Conference

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Come learn from industry and ABB experts on topics ranging from Production Automation & Optimization to API 21.1 as well as Natural Gas Measurement. This year's conference features many exciting changes. Our guest speaker is scheduled to kick off the conference first thing Wednesday morning. Breakout Sessions will feature multi-session classes (basic & advanced). These classes will be scheduled so that you can attend both sessions or choose the session that fits your needs. See the schedule for more information.

Learn from the experts.

Guest Speaker:
Kamal Morad, Ph.D., P.Eng.
 This year's guest speaker will be Kamal Morad, P.Eng., Ph.D. (university of Calgary). Dr Morad is a senior technical advisor and has been with Fekete Associates Inc since May 2003. His area of expertise includes theoretical development as well as field studies of Coalbed Methane and Shale gas reservoirs. He has been a technical member of RTATM and CBMTM software development teams. Dr. Morad has also taught Coalbed Methane and Rate Transient Analysis courses on numerous platforms and has published several papers in these fields. Currently, he is involved in several North American and international CBM and Shale conceptual and field development studies. Dr. Morad is a member of SPE and APEGGA.

Enjoy the evenings with live entertainment.

Appearing Wednesday Night - Vic Henley!
 We promise you will be entertained and informed not only by our dynamic line-up of speakers, focus sessions conducted by industry experts, and numerous breakout sessions during the day. Totalflow will keep you entertained in the evenings as well. An opening night reception on Tuesday will be followed by our famous casino night on Wednesday. And to top it off, Vic Henley will be back. Vic has appeared on The Tonight Show, Comedy Central and at this very conference in 2009. Come join us at our 2011 conference. It will be informative and fun.

Free Training (Tuesday & Friday)
 You won't want to miss the free full-day in-depth training classes as they are only offered free once per year! You will learn from the experts with hands-on training and the newest tips and tricks relative to ABB Totalflow equipment. Don't miss out, it only happens once each year and seating is limited, so please register early! **Classes offered are: NGC, XSeries, Protocol, WinCCU.** Please see the schedule for exact dates and times.

Register Now!

Breakout Sessions

- XSeries Basic (FCU/RTU)**
Flow computer installation and startup. Introduction to G4 and its differences from the G3.
- XSeries Advanced (FCU/RTU)**
A discussion of the new G4 devices and their advantages (new applications, multi-tube, faster, etc.)
- NGC Setup & Installation**
Session will focus on the standard installation and basic startup of the NGC including how to utilize the Startup Wizard.
- NGC Troubleshooting and Diagnostics**
Session will focus upon diagnostics and testing techniques for situations involving communications, understanding chromatograms, network connectivity and calibration.
- Production Automation Basic**
Plunger Lift and Intro to Safety System.
- Production Automation Advanced**
Field Automation, Artificial Lift Systems, Data Analysis & Implementation.
- Product Updates**
Product updates and new features; RBAC, Custom Calibration Reports and Coriolis.
- WellTell I/O Install. and Config.**
A discussion covering installation and startup of Totalflow's new WellTell wireless products.
- LevelMaster Install. and Config.**
LevelMaster installation, wiring procedures, application and software setup, trouble shooting and helpful hints. Also the additional parts and enhancements that have occurred over the past year.
- Field Troubleshooting I**
Basic troubleshooting steps for common problem calls seen by customer service throughout the year. Class will cover basic topics involving installation and setup of Totalflow hardware.
- Field Troubleshooting II**
Advanced field troubleshooting; Remote Comm, Test Cable.
- Totalflow Protocol**
Learn details of Totalflow's protocol. Learn the protocol structure, timing and how it works.
- G4 Communication Connectivity I**
Local connectivity to G4; USB, Ethernet, Serial, Edgeport, TRENDnet (USB-TCP/IP, don't reconfig LAN in PC, etc.)
- G4 Communication Connectivity II**
Remote connectivity to G4; Lantronics, Ethernet, MOXA, Adams, Therms, Cryout compatibility.
- Coriolis Setup & Configuration**
Introduction to Coriolis and mass flow measurement.
- Totalflow EZ Blocks**
Introduction and walk-through of an example Operation using EZ Blocks.
- Role Based Security (RBAC)**
Overview and introduction to PCCU32 and Role Based Security for G4 Devices.
- Portable Chromatography**
Setup, configuration and field sampling with the Portable NGC.

Focus Sessions

Focus sessions provide venues whereby industry experts share their knowledge on a broad range of useful topics. ABB invites knowledgeable people from around the industry to share their insights with our conference attendees. This year, we plan three relevant and informative sessions on these topics.

- G4 for Gas Transmission Applications
- API 21.1 Flow Measurement Using Electronic Metering Systems (Proposed changes and how they may effect you)
- Production Automation & Optimization

Roundtables

Roundtables are back and we need your input! Much of our conference is structured around focus sessions and breakout sessions where attendees learn from Totalflow and industry experts. Roundtables are our opportunity to learn from YOU. We want to be the best supplier we can be. Please attend one of the following Thursday afternoon roundtables and give us your feedback!

- Production
- Midstream
- Transmission/Distribution

NEW Ad-Hoc Discussions

We're trying something new this year! To facilitate interaction between attendees at this year's conference, we will have a bulletin board in the registration area where you can post your name, number and a topic you would like to discuss with other attendees. If there is limited interest, an informal meeting over a cup of coffee can be arranged. If there is wider interest, Totalflow can arrange a conference room for your meeting. Post a discussion topic. You might be surprised at the interest!

Listening Posts

Listening Posts provide a venue for you to ask product specific questions, view product demonstrations, and order/return parts. ABB experts will be available from 9:45 am to 12:00 pm and 2:30 pm to 4:30 pm Wednesday and Thursday.

- NGC
- Wellhead Automation
- WellTell & Levelmaster
- G4 XSeries
- Customer Service
- User Documentation & Training
- Host Systems

Daily Schedule

TUESDAY, February 15, 2011	
8:30 - 3:30	Free NGC Training Class
8:30 - 3:30	Free XSeries Training Class
8:30 - 3:30	Free Totalflow Protocol Class
WEDNESDAY, February 16, 2011	
6:30 - 7:45	Breakfast
7:00 - 8:00	Registration
8:00 - 9:30	Morning Gen. Session / Guest Speaker
9:30 - 9:45	Break
9:45 - 10:30	Breakout Sessions
9:45 - 12:00	Listening Posts
10:30 - 10:45	Break
10:45 - 11:45	Breakout Sessions
12:00 - 1:00	Lunch
1:15 - 2:30	Focus Sessions
2:30 - 4:30	Listening Posts
2:45 - 3:30	Breakout Sessions
3:30 - 3:45	Break
3:45 - 4:30	Breakout Sessions
THURSDAY, February 17, 2011	
6:30 - 7:45	Breakfast
8:00 - 9:30	Morning General Session
9:30 - 9:45	Break
9:45 - 10:30	Breakout Sessions
9:45 - 12:00	Listening Posts
10:30 - 10:45	Break
10:45 - 11:45	Breakout Sessions
12:00 - 1:00	Lunch
1:15 - 2:30	Roundtables
2:30 - 4:30	Listening Posts
2:45 - 3:30	Breakout Sessions
3:30 - 3:45	Break
3:45 - 4:30	Breakout Sessions
FRIDAY, February 18, 2011	
8:30 - 3:30	Free NGC Training Class
8:30 - 3:30	Free XSeries Training Class
8:30 - 3:30	Free WinCCU Class

Breakout Sessions

CLASS	9:45	10:45	1:15	2:45	3:45
	Wed. & Thurs.				
XSeries Basic (FCU/RTU)	✓			✓	
XSeries Advanced (FCU/RTU)		✓			✓
NGC Setup & Installation	✓			✓	
NGC Troubleshooting & Diagnostics	✓			✓	
Production Automation Basic	✓			✓	
Production Automation Advanced		✓			✓
Product Updates	✓			✓	
Role Based Security (RBAC)				✓	
LevelMaster Installation & Config		✓		✓	
WellTell I/O Installation & Config	✓			✓	
Totalflow Protocol		✓			
Portable Chromatography					✓
Field Troubleshooting I	✓			✓	
Field Troubleshooting II		✓		✓	
G4 Communication Connectivity I	✓			✓	
G4 Communication Connectivity II		✓		✓	
Coriolis Setup & Configuration	✓			✓	
Totalflow EZ Blocks		✓		✓	
Partnering Company Presentations	✓	✓		✓	✓

Attending Industry Partners

ABB INSTRUMENTATION



Unrivaled in its scope and application expertise, ABB Instrumentation provides solutions for maximizing well-head and pipeline productivity, efficiency and safety. Our analyzers, valve actuators, controllers, flowmeters, recorders, pressure and temperature products, are all built on a history of innovation and over a century of experience. ABB is the best choice for your measurement needs. Learn more at www.abb.com/instrumentation.

FREEWAVE



FreeWave has an extensive offering of long range, secure spread spectrum serial and Ethernet radios. These radios are commonly installed to create an integrated network that extends from remote locations back to a central office, enabling data to be gathered and transmitted reliably and securely across long distances.

FLOW-CAL INC.



Flow-Cal's suite of products provide operational efficiencies by gathering, validating, storing and distributing a company's volume and energy data. Flow-Cal's products, anchored by the industry leading Flow-Cal Enterprise, begin at the field level where the PROVEit and TESTit applications are designed to schedule and record the calibration and testing of field equipment.

A+ CORPORATION



A+ Corporation, LLC specializes in the design and manufacturing of "Analytically Correct™" sample conditioning components such as Genie® Membrane Probes™, Genie® Probe Regulators™ and Genie® Membrane Separators™.

AUTOSOL



AutoSol provides software that can individually or collectively solve SCADA and EFM/AMR Data Collection and Delivery problems. AutoSol's software capabilities are focused around remote data acquisition, control, alarm detection and notification, remote data logging. At the core of AutoSol's capability is the ability to support device types from most any manufacturer in their native protocol over single and multiple telemetry circuits simultaneously. All this capability is provided in a single software solution.

PGI INTERNATIONAL



PGI International is a leading designer, manufacturer and distributor of innovative and diverse products for the natural gas industry. PGI provides a complete measurement package which includes instrument valves and manifolds, oilfield valve fittings & wellhead components, as well as remote power supplies and gas & liquid sampling systems. PGI offers quality products that enable the highest degree of measurement accuracy, lowest emissions, and provide optimal functionality.

ELYNX



eLynx Technologies is the leading provider of web-based monitoring and field automation services to the oil and gas industry. With SCADALynx you can monitor flow computers, compressors, pipelines, tanks, artificial lift devices and more. Unlike traditional SCADA systems eLynx provides pre-engineered user configurable solutions that are easy to learn, use, and can be implemented in days or weeks – not months required by traditional SCADA systems.

With SCADALynx, users can customize the web page to view any group of wells, generate trending or variance analyses, review and graph individual wells and devices, create customized reports and export data to any number of software programs and back office systems. eLynx is also the market leading expert on field hardware, communications infrastructure, and field service installations of the hardware required to retrieve production data for the oil and gas enterprise.

CYGNET



CygNet Software leads the oil and gas industry with a new generation of enterprise operations software and solutions. Designed to create an information ecosystem, CygNet's solutions enable organizations to improve operational efficiency and market responsiveness, while complying with increasing regulatory initiatives. Already more than 100 customers involved in oil and gas production, transportation and market delivery - including the majority of the top 10 major independent gas producers in North America - rely on CygNet to collect, manage and distribute the vast amounts of diverse data produced across all facets of its enterprise operations. CygNet harnesses traditional silos of field, production and business data, allowing users across every business function to prioritize and analyze real-time information to support daily operations and strategic decision making. For more information, visit www.cygnetscada.com.

GE MDS + WIRELESS COMM.



GE Digital Energy - MDS is the world's leading single-source, end-to-end wireless solution provider. From wellhead monitoring to utility substation automation, our wireless devices are packaged for industrial environments and have been rated and tested to harsh industrial specifications. Our wireless networks carry serial and IP/Ethernet traffic, plus analog and digital I/O signals connected directly to field devices and sensors, accommodating an extensive array of industrial protocols.

For more information please contact:

ABB Totalflow

7051 Industrial Boulevard

Bartlesville, OK 74006

918-338-4888

Fax: 918-338-4699

800-341-3009