

# Instrumentation 2012 Expo

Wednesday, Feb 22, 2012 – One Day Only

Exhibits & Classes: 10am – 5pm  
Admission to All Events Free With Pre-Registration Online  
Pre-register for all classes free online at: [www.instrumentation2012.com](http://www.instrumentation2012.com)

**Carson Center**  
801 E Carson Street at 405 Fwy  
Carson, CA 90745  
Next to Carson Doubletree Hilton

## TRAINING SCHEDULE

Revised Feb 21

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### CLASSROOMS

<u>Speaker</u>	<u>Company</u>	<u>Room</u>	<u>Time</u>	<u>Description</u>
Maria Lemone	ICP DAS USA	132	10:00	Real Time Information Systems
Chuck Clark	ProSoft Technology	132	11:30	Wireless Technologies for Industrial SCADA Applications
Rob Henley	ioSelect	132	1:00	Virtual SCADA with Compact, Low Cost, Easy-to-Use Devices
Sam Miller	SpectraSensors	132	2:30	Advancements in Extractive TDLAS Technology – Refinery Applications
Dave Schmitt	S. C. Controls	132	4:00	Flow Measurement 101
Jerry Becker	D&D Engineering	111	10:00	Ultrasonic Sensors - Application and Calibration
Tom Burdi	Advanced Process Services	111	11:30	Valve Types & Their Most Cost Effective Usage
Tim Berschauer & J.	Charles P.Crowley Company	111	1:00	Chemical Feed System Design & Maintenance
Joanne Randall	Cemtek Environmental	111	2:30	CEMS Design and Configuration for Industrial and Utility Applications
Hiten Dalal	Kinder-Morgan Pipeline LLC	111	4:00	Alarm Management Standards - Control System Engineer's Perspective
Robert Henderson	GfG Instrumentation, Inc.	107a	10:00	Myths and Misconceptions: Common Mistakes Made Using Gas Detectors
Brian Walsh	Anton Paar	107a	11:30	Kinematic Viscosity
Gregory Neethling	Gasonic	107a	1:00	Fixed Ultrasonic Gas Leak Detectors
Brent Kleven	Scott Safety	107a	2:30	Integration Projects for Solutions in Gas and Flame Detection
Daniel Gomez	Advanced Instruments	107a	4:00	Oxygen Sensors: Manufacture & Application
Andy Archer	Hach Company	107c	10:00	Why, Where and How to Measure Oxygen in Power and Petrochemical Industries
Chris Segura	Testo, Inc.	107c	11:30	Thermal Imagers for Industry
Joe Hewitt	Mettler Toledo Process Analytics	107c	1:00	Digital Sensor Technology
Susan P. Harris	PAC, L.P.	107c	2:30	MicroDistillation for Optimization in Gasoline and Diesel Production
Open Discussion	Industry Users Group	107c	4:00	Roundtable: Water / Wastewater Topics

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## TRAINING SCHEDULE (continued)

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### EAST EXHIBIT HALL

John Bowman	Wilmington Instrument Co	East	10:00	Hands – On Digital Multi-meter Course, Part 1
John Bowman	Wilmington Instrument Co	East	11:30	Hands – On Digital Multi-meter Course, Part 2
Open Discussion	Industry Users Group	East	1:00	Roundtable: Analytical Measurements in National Gas and LNG Applications
Open Discussion	Industry Users Group	East	2:30	Roundtable: Control Systems Engineer PE License
Open Discussion	Industry Users Group	East	4:00	Roundtable: Current I&C Issues in the Refining Industry

### WEST EXHIBIT HALL

	TBA	West	10:00	TBA
Joe Hohn	Dynalectric	West	11:30	Standards and Best Practices for Signal Wiring
Joe Hohn	Dynalectric	West	1:00	Safety System Design and Design Requirements
Joe Hohn	Dynalectric	West	2:30	Which Fieldbus Should I Select?
Jack Rosenthal	Honeywell Smart Grid Solutions	West	4:00	Automated Demand Response

### CENTRAL EXHIBIT HALL

Jim Pronge	Crystal Engg, Wilmington Instr	Exh	10-5	Pressure Measurement Hands-On Workshop
Jasen Lee	iComTech	Exh	10-5	I/O Controller Workshop

### CLASSROOM UPSTAIRS

Victor Wegelin	ISA - Harbor College Training	209	11:30	Hacking 101: Intro to Networking & Cyber Security in an Industrial Environment
Abe Munoz	ISA - Harbor College Training	209	1:00	Hacking 102: Methods Hackers Use to Gain Access to Industrial IT Infrastructure
Paul Franklin	ISA - Harbor College Training	209	2:30	Hacking 103: Discussion: Industrial Networking and Cyber Security Topics

### OTHER EVENTS

**Jennifer York Jazz Quartet (from KTLA Channel 5)** Exhibit Hall Starting at 2pm  
[www.YorkQuartet.com](http://www.YorkQuartet.com)

**Prize Drawings All Day** Exhibit Hall  
42-in HDTV courtesy of Honeywell Smart Grid Solutions  
Several Excellent Instrumentation and Controls Textbooks valued at \$70 and up courtesy of PMA Concepts  
Gift cards, and many other prizes courtesy of Exhibitors and ISA Los Angeles Section

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**EXHIBITING COMPANIES and SPEAKERS**

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**Exhibitors**

Advanced Process Services  
Anton Paar USA  
AT Controls  
Aztec Signal  
Beamex  
Blair-Martin Co., Inc.  
Cal Poy Pomona ISA Student Section  
Cal State Long Beach Robotics Club  
Caltrol, Inc  
CEMTEK Environmental, Inc.  
Central California Instruments  
Charles P.Crowley Company  
CMAX-Truelok  
D&D Engineering  
Daily Thermetrics  
Don Wolf & Associates, Inc  
Electrical Systems Ltd.  
Environmental Alliance Group  
Fastercable  
Fluid Control Products  
FLW, Inc.  
GE Druck  
GfG Instrumentation, Inc.  
Hach Company  
Ham-Let USA  
Honeywell Smart Grid Solutions  
Horiba Instruments, Inc.  
iComTech, Inc.  
ICP DAS USA  
International Society for Pharmaceutical Engineering  
IoSelect

ISA Los Angeles Section  
ISA Training Program at Harbor College  
Jensen Instrument Co.  
JPR Systems Inc.  
Limatherm USA  
M&C TechGroup North America  
Measurement Science Conference  
Moore Industires-International, Inc.  
MRC  
Newport Electronics  
Pall Corporation  
Patten Systems, Inc.  
Phoenix Contact  
Ponton Industries Inc.  
PR electronics, Inc.  
Process Integration  
ProSoft Technology  
Quantum Automation  
Robotics Society of Southern California  
Romatec  
Rotork Controls Inc  
S.C. Controls, Inc.  
Siemens Industry, Inc.  
SpectraSensors  
Summit Fluid Technologies, LLC  
Swagelok Los Angeles  
The Fitting Source, Inc.  
Weidmuller  
Westmark Sales, Inc.  
Wilmington Instrument Company

**Speakers and Panel Moderators**

Advanced Instruments  
Advanced Process Services  
Anton Paar  
Cemtek Environmental  
Charles P.Crowley Company  
ConocoPhillips, etc  
Crystal Engg, Wilmington Instr  
D&D Engineering  
Dynalectric  
Dynalectric  
Dynalectric  
Fluid Control Products  
Gassonic  
GfG instrumentation, Inc.  
Hach Company  
Honeywell Smart Grid Solutions  
iComTech  
ICP DAS USA  
ioSelect  
ISA - Harbor College  
Johnson Controls  
Los Angeles Dept of Water & Power  
Mettler Toledo Process Analytics  
PAC, L.P.  
PMA Concepts  
ProSoft Technology  
S. C. Controls  
Scott Safety  
SpectraSensors  
Tesoro  
Testo, Inc.  
Wilmington Instrument Co