

# Instrumentation 2010 Training Schedule for Feb 18, 2010

Updated Feb 16, 2010. Schedule subject to change. Check [www.instrumentation2010.com](http://www.instrumentation2010.com) for updates.

Reservations are recommended for the tour. All classes are first come, first served and free to all pre-registered attendees.

Time	Classroom #6	Classroom #5	Classroom #4	Classroom #3	Classroom #2	Classroom #1	Tour & Outdoor	Training Lab Arena		
9:15 - 10:00	NO CLASS UNTIL 11:00	NO CLASS UNTIL 11:00	Paul Franklin CCST	Joe Hohn - Dynalectric	Ken VandeVeer - Sage Designs	Darryl Mendivil - Mid- State Instruments	(8:15 - 10:30) LA County Sanitation District Los Angeles County Sanitation District Bus Tour (Reservations Only)	NO CLASS UNTIL 10:00	NO CLASS UNTIL 10:00	NO CLASS UNTIL 10:00
			Careers in Demand: Certified Control System Technician	Safety Systems Design Requirements and Considerations	Industrial Wireless	Gas Detection Topic				
10:00	<b>Exhibits Open --- 10:00 am - 6:00 pm</b>									
11:00 - 11:45	Sam Miller - SpectraSensors	Loren Shifley, Rockwell	Don Goss - Kobold	Joe Hohn - Dynalectric	Brian Walsh, Anton Paar	William Doherty - GE Intell Solns	Derek DeBar - Chromalox	PLC Programming Workshop	HMI / SCADA and WebServer Hands On Workshop	HMI / SCADA and WebServer Hands On Workshop
	Trace Oxygen Measurements in Natural Gas using Quench Florescence Technology	Open the Door to Additional Diagnostics and Parameters Contained in Smart Instrumentation	Defining the Application: The Key to Proper Selection of Pressure, Flow and Level Measurement Technologies	Burner Mgmt Systems Design Requirements and Considerations	Measuring Liquid Density and Dissolved Gas Concentration	Process Control over the Web	Heat Trace Basics - Part 1			
11:50	<b>Raffle Drawings in Exhibit Hall</b>							Self-Paced	Self-Paced	Self-Paced
12:30 - 1:15	David Parks, PE CAP Mangan	Jon Archenhold - Flow Technology, Inc	Bill Campbell - Blair- Martin	Joe Hohn - Dynalectric	Bedros Bedrossian - PhyMetrix, Inc.	Sam Miller - SpectraSensors	Derek DeBar - Chromalox	Charlie Black - Walters Electric / Siemens	Reid Hogue - Gexpro / GE Intelligent Systems	Robert Magcalas, Royal WS / Rockwell Automation
	Careers in Demand: Certified Automation Professional	Choosing the Appropriate Precision Flow Measurement Technology for Common Industrial Applications	Control Valve Sizing and Selection	Hands-On Lab: Foundation Fieldbus Segment Design	On-Line Moisture Analysis	Tunable Diode Lasers for Refinery Applications	Heat Trace Basics - Part 2			
1:20	<b>Raffle Drawings in Exhibit Hall</b>									

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Time	Classroom #1	Classroom #2	Classroom #3	Classroom #4	Classroom #5	Classroom #6	Tour & Outdoor	Training Lab Arena							
2:00 - 2:45	Jason Dunigan, A Plus	Charles Clark - Prosoft Technol	Dave Ducharme - Lumasense Technologies	Charlie Fetty - Moore Industries	Randy Carsten - Electrical Systems Ltd	Rich Cada - FOX Thermal Instruments	Ongoing  Product Demonstrations	(10am-6pm)	(10am-6pm)	(10am-6pm)					
	The Science Behind Natural Gas Sampling	Industrial Wireless for Plant Automation	Advances in Infrared Temperature Measurements for Sulfur Recovery Systems	SIS: The "Logic" of Single Loop Logic Solvers	Industrial Control Panel Design Considerations - Differences in Panels for Hazardous Locations	Fuel Gas Monitoring for meeting the new California Green House Demands and AQMD Compliance		Charlie Black - Walters Electric - Siemens	Reid Hogue - Gexpro / GE Intelligent Systems	Robert Magcalas, Royal WS / Rockwell Automation					
2:50	<b>Raffle Drawings in Exhibit Hall</b>							Self-Paced	Self-Paced	Self-Paced					
3:30 - 4:15	Tim Kuiken - Cemtek Envir	Ray Herrera - The Valve Shop	Hiten Dalal - Safe-Fire Inc	Victor Wegelin	Don Zee - Don Zee Associates	Peter Lee - Rosemount		PLC Programming Workshop	HMI / SCADA and WebServer Hands On Workshop	HMI / SCADA and WebServer Hands On Workshop					
	Maintaining Continuous Emissions Monitoring Systems to Achieve High Reliability	Solenoid Valve Sizing and Selection	Management of Alarm Systems for the Process Industries: ANSI/ISA-18.2-2009	Predictive Maintenance Features of Traditional Process Control Loops	Career Management in the Automation Industry	The Emerging Technology of Smart Wireless									
4:20	<b>Raffle Drawings in Exhibit Hall</b>														
5:00 - 5:45	Tim Scott - Horiba	Richard Ramirez - Control Engineering	David Vollaire - GF Piping	Jeff Shaffer - Meriam Proc	Jennifer Palais - Palais Consulting	Romel Bhullar - Fluor					Industry Trends and Careers in Process Automation				
	In-Situ vs Extractive NOX/O2 CEMS: Field Test Comparisons of Performance & Operating Costs	Arc Flash: Overview & Analysis, Applicable Standards & Protection	Special Considerations for Installation and Maintenance in pH Applications	Hands-On Lab: Using Field Calibrators with HART Protocol	How to Keep your Engineering Project on Schedule, Under Budget and Not Get Fired!										
6:00	<b>Raffle Drawings in Exhibit Hall</b>														