



**Niagara Frontier**  
Section

# 2010 Tech Show & EXPO

Automation & Control - Technology & Technique



Networking Opportunities

Table Top Displays

**Tuesday, April 13, 2010**  
**Marriott Inn 1340 Millersport Hwy, Amherst NY**  
**Technical Show & EXPO: 12 noon - 6:00 pm**  
**Attendance is FREE!**

**Morning of Education: 8:30 am - 11:30 am**  
**Cost: \$20 - Members | \$30 Non-Members | 3 PDH Credits**

**Flowmeter Primer**  
**(Theory & Application of Flowmeters)**

**Guest Speaker - Fritz Purkert**

This seminar provides an introduction and overview of flow measurement as currently practiced in measurement and control systems. Terminology, technology, and applications are covered in this concise presentation.



Morning of Education

**CALL TODAY!**  
**716.512.3982**



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## Exhibitor Educational Seminars

ATTENDANCE: FREE

12:00 NOON

### **RAPID DEVELOPMENT OF EQUIPMENT AUTOMATION**

Presented by Paul Buckley (ASG) & Jonathan Moscato (Programmable Equipment Co) demonstration of Object Modeling within Visual Studio Tools for Applications.

12:00 NOON

### **ANSI/ISA-18-2-2009 MANAGEMENT OF ALARMS IN PROCESS INDUSTRIES**

Presented by Bradley Cook of Matrikon, Inc.

1:00 PM

### **KINETIC FLOW METER; NEW TECHNOLOGY INTRODUCTION**

Chuck Roche & Jay Sekar of Malema Sensors  
A novel design utilizing dynamic pressure to measure liquids, gases and steam, independent of flow regime or variations of the velocity profile.

1:00 PM

### **PRINCIPLES OF PH MEASUREMENT**

Presented by Dennis Ciccarelli; ABB Northeast Regional Manager

2:00 PM

### **INTRO TO SOLAR PHOTOVOLTAICS, BASIC OVERVIEW**

Presented by Dave Kostick of IMT Solar

2:00 PM

### **GAS DETECTION BASICS**

Presented by Bob Bierzynski, GDS Corp  
General overview of detection technologies and how they apply to various safety applications.

3:00 PM

### **POSITIVE DISPLACEMENT FLOW METERS**

Presented by Bill Jarrett, WAAFCO Systems  
Low to Medium liquid flow measurements, high temperature, viscosity changes, high accuracy yet affordable applications

3:00 PM

### **MALLARD CONTROL PRODUCTS**

Presented by Gary Rog of Nibisco Supply/Nibisco Automation  
Liquid level switches, level controllers and accessories, dump valves & control valves, 3-way control valves, level gauges, gauge check valves, pressure regulators.

4:00 PM

### **WORKFLOW AUTOMATION IN THE MANUFACTURING AREA**

Presented by Henry Bacher, Automatech, GE  
Integrating automation and manual processes to maximize productivity on the manufacturing floor.

4:00 PM

### **HANDS ON APPROACH TO MOTOR TROUBLESHOOTING**

Presented by Fred Braun of AIC Consulting Engineers/ Hands On Technical Training  
Troubleshooting Three Phase Motor System Failures with attendee participation.

## 2010 Tech Show & EXPO Morning of Education

### **FLOWMETER PRIMER**

#### **THEORY AND APPLICATION OF FLOWMETERS**

8:30 am till 11:30 am

8:00 am Registration

\$20 member fee \$30 non-member fee

3 PDH Credits Awarded  
(upon request)

#### **RESERVATIONS:**

Joe Cipriani @ 716-512-3982

or cipriani@burnscascade.com

This seminar provides an introduction and overview of flow measurement as currently practiced in measurement and control systems. Terminology, technology and applications are covered in this concise presentation.

#### **SEMINAR FACILITATOR**

**F**riedrich Purkert, MME, MCSE worked as an Engineer for Flight Performance at Dornier GmbH, as a Project Engineer for Ground Support Equipment at American Avitron, and after 32 years at Praxair, Inc. retired from his position as Senior Development Associate Application Development Engineer. Over the span of his career, Fritz has worked on Heat Treating Atmospheres, Electric Arc Furnace Burner Control Systems, Membrane Air Separation Systems, Gas liquid Mixer Systems, Glass Furnace Burner Systems, Copper Sulfate Reactors, Gas Mixing Systems, etc.

## JOBS CONNECTIONS AT THE SHOW

in the field of  
**AUTOMATION, CONTROLS, &  
INSTRUMENTATION**

### **EMPLOYEES SEEKING JOBS:**

If you're seeking a job within the automation field, you're welcome to drop off copies of your resume at the Tech Show & EXPO Registration Booth. These will be made available to prospective Employers within the field.

### **EMPLOYERS SEEKING EMPLOYEES**

Employers looking for new employees within the automation, controls and instrumentation field are encouraged to stop by the Show Registration Booth. Job Candidates seeking positions within the automation field will be available.