

63<sup>rd</sup> Annual  
Instrumentation Symposium  
for the  
Process Industries

## *Program Schedule and Registration*



Texas A&M University  
College Station, Texas  
January 29-31, 2008  
University Center Complex

Sponsored by  
Artie McFerrin Department of  
Chemical Engineering

ONLINE REGISTRATION at: [www.peopleware.net/1542b](http://www.peopleware.net/1542b)

TEXAS A&M UNIVERSITY  
Artie McFerrin Department of Chemical Engineering  
3122 TAMU  
College Station, TX 77843-3122

### REGISTRATION GUIDELINES

1. **Registrations received by December 7, 2007** provide **complimentary** admission to all workshop(s). Your registration **must be received** and the workshops you select must be indicated on the form in order to take advantage of this offer. Registration confirmation and your [Parking Map/Info](#) will be mailed to you.
2. Checks should be made payable to **Instrumentation Symposium**. (*Do not send cash through the mail for preregistration.*)
3. Cash, checks, or credit cards (MC/VISA/AmEx/Discover) are accepted for on-site registration. State law forbids billing of fees.
4. **Workshops:** Attendance at a Workshop is based on a first-to-register basis. The sizes of the Workshops are limited. *Preregistration for the Workshops is encouraged. Remember:* If you register by December 7, 2007, the workshops are included in the registration fee. After this date, a nominal fee of \$10/workshop will be added to the registration fee.
5. Registrations not accompanied by full payment of fees will not be accepted.
6. For registrant's unable to attend, fees will be refunded if requested in writing by Friday, January 4, 2008.
7. A **registration form** must be completed for **each individual**. (This form may be photocopied.)
- **FULL REGISTRATION** entitles the registrant to attend all technical papers and the exhibits for the **entire** Symposium.
- **ONE-DAY REGISTRATION** entitles admittance to the technical papers and the exhibits **on the day for which the registrant is attending**.
- In either case, a CD-ROM of the *Proceedings* will be given to each paid registrant at the **Symposium**. Be sure your address on the registration form is complete, and please notify us of any changes, in case you can not attend and want the *Proceedings* sent to you.
- If your Registration is received **after** January 4, 2008, **NO CONFIRMATION OR PARKING MAP/INFO will be mailed to you**. All parking will be available at the **West Campus Parking Garage** or the University Center Garage (limited spaces available).
- Registration is located on the second floor of Rudder Tower.

Nonprofit Org.  
U.S. Postage  
**PAID**  
College Station  
TX 77843  
Permit No. 215

### FACILITIES & ACCOMMODATIONS

All activities will take place in the University Center Complex on the Texas A&M University campus. Private meeting rooms are available for intracompany conferences or special presentations (Call 979-845-8904). In the past, several company groups have held meetings prior to or after the Symposium.

Rooms have been blocked at the following hotels:

- Hawthorn Suites (979-695-9500)
- Hilton Inn (800-HILTONS)
- Plaza Hotel & Suites (800-888-6937)
- Memorial Student Center (979-845-8908)

Please indicate that you are attending the Instrumentation Symposium. After **January 1, 2008**, the rooms will be released to the general public.

### EXHIBITS

Approximately 60 exhibits of an educational nature are showcased by the leading firms in the instrumentation and control systems field. Exhibits display new and educational instrumentation equipment. The exhibits are of interest to managers, operators and instrumentation personnel.

**Exhibit Hours** for the Symposium are listed below:

- Tuesday, January 29, 12:00 a.m. - 1:45 p.m.
- Tuesday, January 29, 4:30 p.m. - 6:00 p.m.
- Wednesday, January 30, 11:50 a.m. - 1:45 p.m.

### BBQ DINNER and SOCIAL

The BBQ will take place on Wednesday evening, January 30<sup>th</sup>. The tickets can be purchased for \$15 when registering for the conference. Make plans to come enjoy great food, music and networking.

### MAIL COMPLETED FORM & REMITTANCE

TO:  
Instrumentation Symposium  
**ATTN: Kay Sanders**  
Conferences Services  
Drawer H-1, Aggieldand Station  
College Station, Texas 77844

LAST NAME		FIRST NAME	
COMPANY/INSTITUTION			
MAILING ADDRESS			
CITY	STATE/COUNTRY	ZIP/POSTAL CODE	
TEL:	FAX:	EMAIL:	

NOTE: Email address will be used to notify participants of future announcements

Check only ONE box:  Vendor  Contractor  User  Other \_\_\_\_\_

REGISTRATION	WORKSHOPS	BBQ	PAYMENT
<input type="radio"/> Early Full with workshop(s) \$125.00 - <b>by 12/07/07</b>  <input type="radio"/> Full - no workshop(s) \$125.00 - <b>after 12/07/07</b>  <input type="radio"/> Early One-Day \$65.00 <b>by 12/07/07</b> <input type="radio"/> One-Day \$75.00 <b>after 12/07/07</b> <input type="radio"/> Tues. <input type="radio"/> Wed. <input type="radio"/> Thurs.	Tues., 8:00 a.m. <input type="radio"/> WS1-1 <input type="radio"/> WS1-2 <input type="radio"/> WS1-3 Wed., 2:00 p.m. <input type="radio"/> WS2-1 <input type="radio"/> WS2-2 <input type="radio"/> WS2-3 Thurs., 1:00 p.m. <input type="radio"/> WS3-1 <input type="radio"/> WS3-2 <input type="radio"/> WS3-3  After the early registration deadline, the workshop fee is \$10.00 each  <b>TOTAL #</b> _____ \$10.00/ea after 12/07/07 \$ _____	<b>\$15.00 per ticket</b>          <b>TOTAL #</b> _____ \$ _____	<input type="radio"/> MC <input type="radio"/> VISA <input type="radio"/> AmEx <input type="radio"/> Discover <input type="radio"/> Check  Card Number _____  Expiration Date: _____  Signature _____ <b>GRAND TOTAL \$</b> _____
<b>TOTAL \$</b> _____			

**KEYNOTE ADDRESS - Tuesday, January 29, 2008 at 10:30 a.m.**

- **“Raising Automation to the Business Level”** by **Walt Boyes**, Editor in Chief; CONTROL Magazine, Itasca, IL.

**TUESDAY’S TECHNICAL PAPERS**

- **“Energy Management to Cut Operating Costs, Precise and Recommended Measurements, Benchmarking and a Roadmap to Achieving Results”** by **Stefan Woehrl**, **Jason Pennington**, and **Madhukar Puniani**, Endress + Hauser, Greenwood, IN.
- **“Evaluating Foundation Fieldbus Devices and Wiring Components”** by **David S. Lancaster**, Bechtel Oil, Gas & Chemical, Inc., Houston, TX.
- **“HART Communication: Understanding What It Can Do and How To Get It Done!”** by **Ed T. Ladd, Jr.**, HART Communication Foundation, Austin, TX.
- **“Metering Flow in Utilities, Compressed Air, and Steam: Before You Can Control, You Have To Know How To Measure It”** by **Jason Pennington**, Endress + Hauser, Greenwood, IN.

**WEDNESDAY’S TECHNICAL PAPERS begin at 8:00 a.m.**

- **“Do the PFD Equations In The Standards Cover All The Parameters?”** by **Prasad Goteti**, Emerson Process Management, Calgary, Canada.
- **“Using Engineering Automation Software to Document Safety Instrumented Systems”** by **John Dressel**, Fluor Corporation, Sugar Land, TX.
- **“Codes, Risk and Instrumentation for Overpressure Protection”** by **Jude Golla**, Retired, Kingsville, TX.
- **“Establishing an Instrument and Analyzer Reliability Program in Support of Independent Protection Layers”** by **Patrick Skweres** and **John Thibodeaux**, The Dow Chemical Company, Freeport, TX.

**THURSDAY’S TECHNICAL PAPERS begin at 8:00 a.m.**

- **“BioTector® Patented Two-Stage Advanced Oxidation Process for TOC/TN Analysis”** by **Jason W. Kuzmiak**, Ohmart/Vega Corporation, Cincinnati, OH.
- **“Advanced Flow Diagnostics and Their Impact on Improving Operational Practices”** by **Parker Seaton**, Emerson Process Management, Stafford, TX.
- **“Sensor Considerations in Safety Instrumented System Implementation and Operation”** by **Craig McIntyre**, Endress+Hauser, Greenwood, IN.
- **“Development of Methods for Risk-Based Fire and Gas Detection and Suppression System Assessment”** by **Edward M. Marszal** and **Kevin Mitchell**, Kenexis Consulting Corporation, Columbus, OH.
- **“Performance Based Fire & Gas System Design: SP84 Working Group 6 Sub-Committee Update”** by **Mike Scott** and **Bud Adler**, Applied Engineering Solutions, Inc., Greenville, SC.

**WORKSHOPS**

**Workshops** will be conducted each day. **Registration** for the Symposium, if received by December 7, 2007, includes attendance to the workshop(s) of your choice. After the early registration deadline, the fee plus a nominal Workshop fee of \$10.00 **each**, is required for attendance to a Workshop. Due to limited space, preregistration is encouraged. Continuing Education Units (CEU) are the nationally recognized units designed to provide a record of an individual’s continuing education achievements. A CEU certificate will be prepared by the Engineering Program Office of Continuing Education for you after the completion of the symposium. The **Workshops** are as follows:

**Tuesday Morning, January 29, 2008**

- WS1-1 — (8:00 a.m. – 10:00 a.m.) **“Ethics & Excellence”** by **Alan Rossiter**, Rossiter & Associates.
- WS1-2 — (8:00 a.m. – 10:00 a.m.) **“Practical Considerations of SIS Proof Testing”** by **William (Bill) L. Mostia, Jr.**, SIS-TECH Solutions.
- WS1-3 — (8:00 a.m. – 10:00 a.m.) **“Overview of Temperature Measurement in the Process Industry”** by **Umkehrer/Boguhn/Joegal/Puniani**, Endress+Hauser.

**Wednesday Afternoon, January 30, 2008**

- WS2-1 — (2:00 p.m. – 4:00 p.m.) **“Safety Integrity Level Determination Techniques”** by **Paul Gruhn**, ICS Triplex.
- WS2-2 — (2:00 p.m. – 4:00 p.m.) **“Process Safety Management & Mechanical Integrity”** by **Angela Summers**, SIS-TECH Solutions.
- WS2-3 — (2:00 p.m. – 4:00 p.m.) **“Flow Devices – A User’s Perspective”** by **Shane Pirtle**, Mangan, Inc.

**Thursday Afternoon, January 31, 2008**

- WS3-1 — (1:00 p.m. – 3:00 p.m.) **“Engineering Ethics”** by **Jerry Bradshaw**, Texas A&M University.
- WS3-2 — (1:00 p.m. – 3:00 p.m.) **“Got a Risk Reduction Strategy?”** by **William (Bill) L. Mostia, Jr.**, SIS-TECH Solutions.
- WS3-3 — (1:00 p.m. – 3:00 p.m.) **“Liquid Level Measurement - Basics 101”** by **John B. Schnake**, Endress+Hauser.