



# New Orleans Section

Setting the Standard for Automation

May 2007  
The Current Pnewsletter

Earn 1 PDH for May meeting

## Next Section Meeting

**Date** Tuesday, May 8, 2007

**Place** Smilie's Restaurant  
Harahan, Louisiana

**Time** Cash Bar Open at 6:00 p.m.  
Seating and serving begins at 6:30 p.m.  
Meeting complete by 8:00 p.m.

**Price** Admission \$25 per person

**RSVP** Use **Yahoo e-mail—not the Yahoo Web site:**  
isa\_neworleans@yahoo.com  
Type your name, quantity in party, and  
whether you require a PDH certificate.

Please RSVP by noon Monday May 7

## Innovative safety valve selection techniques and data

ISA New Orleans Section is pleased to have Curt Miller, P.E., present the subject topic for the May 2007 meeting. His presentation is based on an article he coauthored for the *Journal of Hazardous Materials*.

The new valve data resources and modeling tools that are available today are instrumental in verifying that safety levels are being met in both current installations and project designs. If the new ISA 84 functional safety practices are followed closely, good industry-validated data used, and a user's maintenance integrity program strictly enforced, plants should feel confident that their design has been quantitatively reinforced.

After two years of exhaustive reliability studies, there are now techniques and data available to support this safety system component deficiency. Everyone who has gone through the process of safety integrity level (SIL) verification (i.e., reliability math) will appreciate the progress made in this area. The benefits of these advancements are improved safety with lower lifecycle costs such as lower capital investment and/or longer testing intervals.

Mr. Miller's presentation will start with a review of the different valve, actuator, and solenoid/positioner combinations that can be used and their associated application restraints. Failure rate reliability studies (i.e., FMEDA) and data associated with the final combinations will then be discussed. Finally, the impact of the selections on each

safety system's SIL verification will be reviewed.

Curt Miller, CFSE, P.E., is a Partner/Sr. Engineer with Exida. Curt has more than 17 years of professional experience with safety systems. Before he joined Exida as a Partner/Sr. Engineer, he most recently spent six years supporting Gulf Coast safety control markets as senior engineer for an automation supplier. Curt is a BSChE graduate of Texas A&M. He is also a past Member of ISA New Orleans Section.

Curt's coauthor for the Journal article is Lindsey Bredemeyer, P.E., who is a Principal Engineer with Exida.

Professional Engineers can earn one PDH for attending this meeting.

This meeting is the last one until September's traditional shrimp boil meeting.

Join us in attending this meeting to take advantage of Curt's knowledge in an area that affects so many projects these days. ■

## Scholarship Endowment news

Join Members at the May meeting as the Section celebrates the successful launching of the Donald G. Iverson Memorial Scholarship Endowment.

The Section will present a commemorating plaque to Don's family in memory of his service to the Section and the Society. The commemoration is the result of a two-year effort to launch this important endowment. ■

## SECTION OFFICERS 2006-07

<b>President</b> <b>Barry Acosta</b> (504) 835 2577	<b>Standards &amp; Practices</b> <b>David Bishop</b> (985) 764 9902
<b>President-elect</b> <b>Larry Saunders</b> (504) 849 3365	<b>Historian</b> <b>Sherryl Benbow</b> (504) 561 6000
<b>Vice President</b> <b>Henry Suthon</b> (504) 836 8903	<b>Exhibits</b> <b>Pat Lyles</b> (504) 648 1746
<b>Secretary</b> <b>Riley Parker</b> (504) 728 3122	<b>Past President</b> <b>Barry Acosta</b> (504) 835 2577
<b>Treasurer</b> <b>Roger Reedy</b> (985) 785 3427	<b>Student Section Liaison</b> <b>Leo Holzenthal</b> (504) 836 8902
<b>Delegate</b> <b>Sherryl Benbow</b> (504) 561 6000	<b>Arrangements</b> <b>Mike Benbow</b> (504) 836 8976
<b>Section/District Liaison</b> <b>Hugh Roser</b>	<b>Nominations</b> <b>Barry Acosta</b> (504) 835 2577
<b>Education</b> <b>Bob Deeb</b>	<b>Strategic Planning</b> <b>Erston Reisch, Jr.</b> (985) 727 2869
<b>Honors &amp; Awards Chairman</b> <b>Ram Ramachandran</b> (985) 764 1692	<b>Golf Tournament</b> <b>Bryan Pittman</b> (504) 887 8550
<b>Membership Chairman</b> <b>Fawad Javed</b> (985) 785 4599	<b>Webmaster</b> vacant phone
<b>Programming</b> <b>Toby Miller, Assistant</b> (504) 835 8888	<b>Newsletter Editor</b> <b>Larry Iverson</b> (504) 813 6972 liverso@attglobal.net

## Articles & Announcements

### Articles and Announcements

Submit an article or announcement to *The Current Pnewsletter* to L.H. Iverson, 2405 N SIBLEY ST, METAIRIE LA 70003; or e-mail to [liverso@attglobal.net](mailto:liverso@attglobal.net). Phone (504) 813 6972.

### Deadline

Materials must be submitted by the 10<sup>th</sup> day of the month preceeding the issue in which it should appear. Please submit typed material via either e-mail or facsimile.

Revised 26 December 2007

## President's Corner

**Barry Acosta**  
**JacobsLinder**  
3330 W. Esplanade Ave.  
Suite 300  
Metairie LA 70002  
Ph (504) 835 2577



Fellow Members,

Well, the year is coming to a close. It's been a pleasure serving as Section President for the past two years. Reflecting back to August 2006 and now, many changes have occurred. We had a successful Shrimp Boil, thanks to Monsanto, and we successfully set up the Donald G. Iverson Memorial Scholarship Endowment, had our Honors and Awards Banquet, and a very successful Education Seminar on Classified Areas thanks to David Bishop and Bob Deeb.

As we usher in a new Board, I encourage everyone to welcome our new Board led by President Larry Saunders. Larry is no stranger to the Section and its Members. Larry brings years of experience to the board.

We also say goodbye to an outstanding and tireless board member and editor of our newsletter for the past 13 years, Larry Iverson. Larry, who is relinquishing the position, has served the Section with dedication second to no one. Many times Larry has served as ad hoc secretary over the past 13 years at many board meetings. Larry's attention to detail has enabled the publication of board meeting minutes in the *The Current Pnewsletter* such that every member is aware of the Board's decision. Larry was awarded the Section's individual Commendation Award for his service to the section, and in 2005, the Society's Distinguished Society Service award at the Honors and Awards Banquet in Chicago. Having said all this, the Board is in need of a newsletter editor to fill some very large shoes. Thank you, Larry, for many years of dedication and service.

Please join us for the last meeting of the year at Smilie's. Our guest speaker will be Curt Miller of Exida. This is a 1 PDH meeting.

There will be a special presentation at this meeting. The Board has invited Don Iverson's family to attend and receive a plaque commemorating the scholarship fund. Please help us to honor Don and express our thoughts and prayers to Don's family.

Have a great summer and see you next year.

*Barry*

## Meeting Minutes, Executive Board ISA New Orleans Section, Inc.

Due to cancellation of the April meeting of the Executive board, there are no meeting minutes to report.

### ISA Electronic Certification Exams are now available during defined testing windows

Prepare now to submit your application by the deadline. ISA certification exams are available at Prometrics test sites worldwide during defined testing windows in 2007. Apply now to test in one of the 2007 testing windows. See the schedule below for testing and application deadlines for upcoming testing windows.

#### Exam Testing Window

Window 2 ..... 1 Jul.–31 Aug. 2007  
Window 3 ..... 1 Nov.–31 Dec. 2007

#### Exam Application Postmark Deadline

Tuesday ..... 15 May 2007  
Monday ..... 17 Sep. 2007

Click here to review full testing window details.

Contact ISA Customer Service at (919) 549 8411 if you have any questions. ■

### Summer Leaders' Meeting

Coming a bit later this year is the SLM in Scottsdale, Arizona, 23–27 June. Check the schedule at by clicking on this link.

ISA President Steve Huffman is challenging Committee Chairs to conduct business by e-mail or conference call prior to the SLM in order make the on site meeting time more efficient. In light of this, the following changes have been made to the traditional Leader Meeting schedule:

- Meeting time slots will be 50 minutes with a 10-minute break between each time slot.
- An “ad hoc” meeting room will be available on site to be used for meetings that require less than the 50-minute time slot. Scheduling of the ad hoc meeting room will be coordinated in the registration area.
- The lunch time is now 70 minutes.
- The Leader Training Seminar will be held on Sunday.
- The Board of Department and Board of District Vice Presidents will meet on Monday.
- A free afternoon has been provided for team-building. A golf outing is being planned for the free afternoon.

Hotel and meeting registration information is available on the website, with details about the special group event. ■

## Next Meeting Executive Board

**Tuesday**  
**May 8, 2007 at 5:00 p.m.**  
**Smilie's Restaurant**

### Matrikon Summit 2007

Matrikon Summit 2007 is the technology conference for industry executives, process control engineers and other professionals. Come see the latest in process data technology for industries including petrochemical, pulp and paper, mining, oil and gas, and power and learn how it will transform your business. Through presentations, case studies, panel discussions, demonstrations and networking events, you'll be immersed in new ideas for making a step change in operational and business excellence.

Click on this link to Review Matrikon Summit 2007 Presentations. ■

### ISA to Present New Alarm Management Standard at Matrikon Summit 2007

ISA's presence at Matrikon Summit 2007 will be focused on the upcoming ISA-SP18.02 standard addressing the development, installation, and management of alarm systems in the process industries. This standard is intended to provide a methodology that will result in the improved safety of industrial and manufacturing facilities.

The ISA-SP18.02 standard is an extension of existing ISA and industry standards, and Matrikon has been intimately involved in its development.

“ISA has a long history with alarm system standards, with work dating back to the 1960s,” said ISA-SP18 committee chair Nick Sands of DuPont. “When we began work on a new standard for alarm system management in 2003, Matrikon was a key contributor. Since that time, the Matrikon participants have shared their knowledge and experience, and worked alongside other companies to draft a practical standard that will better structure companies' approaches to alarm management.”

Matrikon Summit 2007 is the ideal opportunity for control managers, automation managers and operations managers to get informed on ISA-SP18.02, and to learn more about how to become compliant with this industry-leading alarm management standard.

Please click here to read the full press release. ■

## ISA New Orleans Section 2006–07 Program and Meeting Schedule

Date	Topic	Speaker
Tuesday 8 May	Innovative safety valve selection techniques and data Smilie's Restaurant	Curtis Miller, CFSE, P.E.

Monthly meetings are held at Smilie's Restaurant, 5725 Jefferson Highway—corner of Jefferson Highway and Edwards Avenue—Harahan, Louisiana, unless noted otherwise in *The Current Pneusletter*. For other meetings, watch for announcements in *The Current Pneusletter*. For comments or questions regarding this year's program schedule, contact the Chairman, programs, whose name and telephone number are listed on page 2.

# Announcements

### Hach Co. luminescent sensor for process ppb level oxygen monitoring

Hach Company announces the availability of the G1100 Trace Oxygen Sensor, the first sensor for ppb level oxygen monitoring using proven Luminescent Dissolved Oxygen (LDO) technology. Designed to meet maximum reliability and minimum maintenance requirements, the G1100 offers distinct advantages over DO sensors with traditional chemical cells including:

- Dry sensor with no membrane. No electrolyte, chemicals, or complex service procedures required.
- Automatic on-line calibration. High accuracy with minimal operator time needed.
- Real time diagnostics. Notification of due service, need for calibration sample replacement, calibration failure, sensor or system failure provided.
- Minimal service. Service requirements limited to just 5 minutes every 18 months. Oxygen levels do not affect service intervals..

The G1100 provides a detection limit of 0.01 ppb and measures DO in the range of 0–20,000 ppb. Applications in the power plant water and steam cycles include monitoring the stator coolant, condensate, deaerator, and feed-water for corrosion control.

For more information about the G1100 luminescent oxygen sensor, contact Hach Company, P.O. Box 389, Loveland, Co., 80539, USA; tel. (800) 227 4224; fax (970) 669 2932; e-mail [orders@hach.com](mailto:orders@hach.com); online: <http://www.hach.com/power>. ■

### ISA Safety Division Symposium

Registration is now open for the ISA Safety Division Symposium scheduled for 23–24 May in Mt. Laurel, New Jersey. Don't miss this exciting event, which in-

cludes ISA Safety Training Seminars and a full day of conference presentations that focus on a variety of safety-related topics.

Keep abreast of the latest technology with ISA's training courses on 22 May!

These informative courses will help you in your day-to-day job. Courses are as follows: Safety Instrumented Systems; The Must Know for Implementation and Securing Industrial Networks; Cyber Protection for Automation, Control, and SCADA Systems.

Keynote speaker Arthur M. Dowell, III, P.E., of Rohm and Haas Company will speak on "Managing Process Safety with Proactive Layers: Real World Experience in Managing the Life Cycle for SIFs and Other Prospective Layers." Other speakers and expert presenters will cover topics on Instrumented Systems, Alarm Management, Pressure Relief and HIPPS and Control Systems Security. There will be an in-depth panel discussion at the end of the conference sessions.

You will be able to network with peers, colleagues and customers at our evening events, vendor display areas and hospitality rooms.

Following are exhibiting companies:

- A E Solutions
- exida
- HIMA Americas Inc.
- Kenexis
- MicroPack Detection Americas Inc.
- MOST
- RTP Corporation
- Siemens
- Safety Symposium Preliminary Program.

The symposium registration price for ISA Members is \$395.00. List price is \$495.00.

See live product demonstrations in our Safety Vendor Product Exhibit. Vendors will be on hand to answer questions about their products and services.

[Click here for more information.](#) ■