



New Orleans Section

Setting the Standard for Automation

February 2010
The Current Pnewsletter

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Next Section Meeting

Date February 2, 2010
Place Smilie's Restaurant
Harahan, Louisiana
Time Open at 6:00 p.m.
Serving at 6:30 p.m.
Price Admission \$15 per person
RSVP isa_neworleans@yahoo.com
Type your name, quantity in party

Please RSVP by Monday February 1, 2010

SAVE THE DATE!

ISA NEW ORLEANS/BATON ROUGE EXHIBIT 2010
APRIL 15TH
ISA NEW ORLEANS GOLF TOURNAMENT
APRIL 16TH

This year we combined the **ISA Exhibit 2010** with the **ISA Annual Golf Tournament**. The Exhibit will be held on **Thursday, April 15th 2010** at the Crown Plaza Airport in Kenner, Louisiana and the Golf Tournament will be held on **Friday, April 16th 2010** at the Ormond Country Club in Destrehan, Louisiana. We will have discount packages to register for both events. The Exhibit will be a "table-top" format with a free lunch served during our lunch technical sessions. There will be technical sessions offered throughout the day.

Registration Forms will be sent out by the end of the month for both events!

SECTION OFFICERS 2009–10

President Mike Williamson (504) 849 2243	Codes, Standards, & Practices Ram Ramachandran (985) 764 1692
President-elect Beth Walker (985) 785 3489	Historian David Bishop (985) 764 9902
Vice President Bill Reynolds (504) 849 2206	Exhibits Pat Lyles (985) 377 1040
Secretary Chaille Percy (504) 836 8955	Past President/Alt. Delegate Henry Suthon (504) 836 8903
Treasurer Roger Reedy (985) 785 3427	Student Section Liaison Leo Holzenthal (504) 836 8902
Delegate Mike Williamson (504) 849 2243	Arrangements Mike Benbow (504) 616 3282
Section/District Liaison <i>Vacant</i>	Webmaster Beth Walker (985) 785 3489
Education Bob Deeb (985) 549 5934	Honors & Awards Chairman Hugh Roser (504) 737 7973
Membership Chairman Bobby Esler (504) 834 6913	Newsletter Editor Anna Schindler (504) 458 9526
Program Chair Allan Simpson (504) 281 6081 Toby Miller (504) 934 2108	
Marketing Chairman Larry Saunders (504) 849 3365	

Articles & Announcements

Articles and Announcements

Submit an article or announcement to *The Current Pnewsletter* to Anna Schindler at anna.schindler@awc-inc.com.

Deadline

Materials must be submitted by the 10th day of the month preceeding the issue in which it should appear. Please submit typed material via e-mail.

President's Corner

Mike Williamson

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Dear Fellow Members,

Happy Mardi Gras! I hope that your family and you have a very happy and safe Mardi Gras. John Wust of Emerson was guest speaker for our January 12 Monthly ISA meeting at Smilie's. We are most appreciative for John to have joined us. His topic was on Sil Rated Shutdown Valves. It was a very enjoyable gathering and the turnout was good.

The next several months are the busy months for ISA New Orleans. Please refer to the Pnewsletter, the ISA Web site <http://www.isa.org> and the Calendar of Events for all of our Meeting Schedules and upcoming events. The dates shown are pretty firm; it would be a good time to enter these dates in your personal schedule. I would like to highlight our next several events:

February 2, 2010 – Smilie's – ISA Monthly Meeting - Basic Process Safety Systems – Richard Roth

March 2, 2010 – Smilie's – ISA Monthly Meeting - Process Control Systems – Gregory McMillian

March 3rd & 4th 2010– Monsanto – Exceptional Opportunities in Process Control Seminar - Gregory McMillian (See Pnews-letter or Web for more details)

April 15, 2010 – ISA New Orleans Table Top Exhibit (See Pnews-letter or Web for more details)

April 16, 2010 – Ormond Country Club - ISA New Orleans Annual Golf Classic (Sign up now)

May 18, 2010 – Smilies – ISA Monthly meeting – IEC vs ANSI – Bob Alanzo

May TBD 2010 – Dave Bishops Hazardous Area Classification Course – Depending on Interest – Please sign on to ISA.org and state if you are interested

May 21, 2010 - Andrea's - Annual Honors and Awards banquet

Your ISA Section needs your feedback. Your ISA Leaders are very open to your comments, suggestions, and questions.

Sincerely,

Mike Williamson

ISA-President of the New Orleans Section

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**Meeting Minutes, Executive Board
ISA New Orleans Section, Inc.
January 12, 2010**

Mike Williamson	Dave Bishop	Hugh Roser
Toby Miller	Roger Reedy	Pat Lyles
Bob Deeb	Chaille Percy	Larry Saunders

Safety

In freezing weather, insulate water piping, and when driving watch for icy conditions.

Old Business

Monthly Board Meeting Minutes

Handed out a copy of Chaille's report from last month and all approved.

Registered Agent

The paper work to have Beth Walker be the new Registered Agent has been submitted. LA has not yet confirmed.

Quarters report for (July, August, & September) - Was sent to National

Budget Report

Handed out a copy of Roger's report. The board reviewed and approved.

New Business

Program Chair

The February speaker will be Richard Roth of Hima and he will present "Basic Process Control Safety." Toby will try to get a BIO and outline of the presentation as soon as possible. Toby still needs to confirm our May speaker.

Newsletter

The January 2010 newsletter has been issued on 1/5/2010. The following information is needed for the February issue. Please send information by 1/19/2010.

(Each Month Need - President's letter, Updated Calendar of events, Board Meeting Minutes, Speaker Bio & Outline of topic, Announcements)

April Exhibit/Golf Tournament

Pat issued a report specifying the date, time and place for both the Golf Tournament and the Table Top Exhibit. Everyone was requested to help with the advertizing.

Calendar of Events

Send updates to Anna (Pnewsletter) and to Beth Walker (Web).

Two symposium scheduled by National in New Orleans in April, 2010.

Updates include for next issue - Richard Roth for February speaker; Confirm May speaker, need speaker for the Honors and Awards banquet.

Webmaster

Website is up to date. PayPal can be used.

Historical data has been posted on the Web, including Past Presidents list.

Membership Chair

Mike Williamson and Bobby can now both distribute email to all members.

Registered Agent

Roger Reedy reported that all information has been submitted to the State to complete the transfer to Beth Walker.

Education Chair

Process Control Seminar - March 2010 - Greg McMillian is on schedule. The board agreed to purchase the book for the seminar at \$109. The charge for the seminar will be \$400 for ISA members and \$500 for non-members. The Seminar will be held at Monsanto in Lulling.

Area Classification Seminar - May 2010 - Dave Bishop - A minimum of 10 attendees are required.

Don Iverson Scholarship

The board voted and approved this year's recipient will receive a \$1,000 scholarship. The recipient has not been named yet.

Adjournment

The meeting adjourned at 6:10 PM and we all attended the dinner speaker meeting.

ISA TABLE TOP EXHIBIT 2010

**ISA NEW ORLEANS / BATON ROUGE EXHIBIT
APRIL 15TH – 9:00 AM TO 6:00 PM
CROWN PLAZA AIRPORT – Williams Blvd & Veterans
Memorial Blvd.
Kenner, LA**

ISA ANNUAL GOLF TOURNAMENT

**APRIL 16TH
ORMOND COUNTRY CLUB
Destrehan, LA**

ISA New Orleans Section 2009–10 Program and Meeting Schedule

Date	Topic	Speaker
Tuesday, 2 February	Introduction to Process Safety Basics	Richard Roth HIMA Americas, Inc.
Tuesday, 2 March	Process Control Smilie’s Restaurant	Gregory McMillan Emerson
Wednesday, Thursday 3, 4 March	ISA New Orleans Spring Seminar Exceptional Opportunities in Process Control	Gregory McMillan Emerson
Thursday, 4 March	GO Tech, The Gas & Oil Technical Expo Lafayette Cajundome Convention Center	
Thursday, 15 April	ISA New Orleans/Baton Rouge Table Top Exhibit	
Friday, 16 April	Annual Golf Tournament	
25-29 April	ISA Analysis Division Astro Crown Plaza Hotel	
Tuesday, 18 May	In planning Smilie’s Restaurant	
Friday, 21 May	Honors and Awards Banquet Andrea’s Restaurant	

Section Meeting: Tuesday—February 2, 2010
Guest Speaker: Richard Roth
Topic: Introduction to Process Safety Basics

The presentation on Process Safety Basics will cover the following information:

- Safety Standards Explained
- What is SIS (Safety Instrumented System)
- What is SIL (Safety Integrity Level)
- What is SIF (Safety Instrumented Function)
- How is a SIS different from DCS (BPCS)
- Examples of SIF Loop Design

Richard Roth is the regional safety solutions consultant at HIMA Americas, Inc.

Electrical Installations in Hazardous (Classified) Locations

RSVP: If interested in attending this seminar, please email ISA_neworleans@yahoo.com. The course will be scheduled if there is adequate interest.

When: Tentative May 2010

Course Name: Electrical Installations in Hazardous (Classified) Locations

Duration: 2 days

Overview: Hazardous (classified) locations are defined by the National Electrical Code as locations where fire or explosion hazards may exist due to flammable gases or vapors, flammable liquids, combustible dust, or ignitable fibers or flyings.

The class will present information on the Division and Zone classification schemes for such locations and explain what electrical equipment and what wiring methods are allowed in them. Emphasis will be on facilities surrounding oil and gas drilling and producing facilities. Material presented primarily will be from NFPA 70 (National Electrical Code), API RP500, and API RP505, but also from other standards and recommended practices published by NFPA, IEEE, and ISA. Videos will supplement the oral presentation, and a class exercise will test the students' understanding of preparing an area classification drawing for a typical offshore oil and gas producing facility.

Learning Objectives:

Upon completing this course, the student will be able to:

- (1) Prepare area classification drawings for oil and gas drilling and producing facilities and chemical plants using both the Division and the Zone classification methods.
- (2) Specify and select electrical equipment that is suitable for hazardous (classified) locations.
- (3) Specify wiring methods that are suitable for hazardous (classified) locations.
- (4) Inspect electrical systems installed in hazardous (classified) locations and determine if they utilize suitable equipment and if such equipment is installed properly.

Exceptional Process Control Opportunities
An Interactive Exploration of Process Control Improvements Seminar

March 3—4, 2010

The New Orleans Section will sponsor a two-day seminar focused on process control and process control improvements using current technology.

The course outline is as follows:

Improving process dynamics

- Process responses
- Sample times
- Ultimate limit to loop performance

Improving controller tuning

- Controller modes, options, and structure
- Controller tuning
- Practical limit to loop performance

Improving control valves

- Slewing rate
- Backlash
- Stick-slip
- Installed characteristic
- Rangeability

Improving measurements

- Accuracy
- Noise
- Response
- Turndown
- Flow
- Pressure
- Level
- Temperature
- pH

Improving common loops

- Flow
- Pressure
- Level
- Temperature
- pH
- Composition

Improving neutralizer control

Improving evaporator control

Improving reactor control

Each attendee will have access to a virtual plant for hands-on learning and interactive exploration of process control improvements.

This seminar will be suitable for engineers wishing to improve their knowledge of process control as well as those wishing to learn process control.

The seminar will require each attendee to bring a portable computer with a web browser for hands on training. Other deliverables will be furnished as well as lunch for both days. Attendees will be eligible for 16 Professional Development Hours (PDHs), applicable to the requirements for professional engineers in most states

The seminar will be presented by Mr. Gregory K. McMillian bio as follows:

Gregory K. McMillan

Greg is a retired Senior Fellow from Solutia/Monsanto and an ISA Fellow. Presently, Greg is a principal consultant with CDI Process and Industrial with an office at Emerson Process Management in Austin. Greg received the ISA “Kermit Fischer Environmental” Award for pH control in 1991, the Control Magazine “Engineer of the Year” Award for the Process Industry in 1994, was inducted into the Control “Process Automation Hall of Fame” in 2001, and honored by InTech Magazine in 2003 as one of the most influential innovators in automation. Greg is the author of numerous books on process control, his most recent being *Essentials of Modern Measurements and Final Elements in the Process Industry - A Guide to Design, Configuration, Installation and Maintenance*. Greg has been the monthly “Control Talk” columnist for control magazine since 2002. Greg’s expertise is available on the web site: <http://www.modelingandcontrol.com/>

The seminar will be presented at the Monsanto Auditorium, Monsanto Corporation, Luling, La. An enrollment fee of \$485.00(includes ISA membership for one year or renewal for one year) is required before February 1, 2010.

To enroll, email your request for a reservation to Robert.Deeb@selu.edu. Instruction will follow for fee payment. Reservations will be confirmed as the fee is received. Class size is limited to 30 attendees.

Announcements



Call for Papers AD 2010

Analytical Solutions in a Not So "Big Easy" Economic Environment

55th Analysis Division Symposium
25-29 April, 2010. New Orleans, LA.



The Analysis Division (AD) of the ISA is pleased to announce that the 55th Annual Analysis Division Symposium will convene in New Orleans, LA on 25 - 29 April, 2010. All persons are hereby invited to submit papers and other materials for consideration to be presented at this event.

This Symposium is recognized as the outstanding forum for discussion of new, innovative process and other analytical techniques, developments and applications. Speakers and attendees are worldwide. Share the opportunity to speak to an international audience, participate in informal discussions and social gatherings, and acquire the latest information about analytical science in industry and applications.

An "Intent to Present" is due immediately to Mike Chaney, the Technical Program Chairperson at Michael.Chaney@Lyondellbasell.com, with abstracts to be submitted by December 4th to the Paper Review Committee Chairperson Paul Bamard at Paul.Bamard@Lyondellbasell.com

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