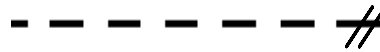




Setting the Standard for Automation

# New Orleans Section

## January 2011 The Current Pnewsletter



### Next Section Meeting

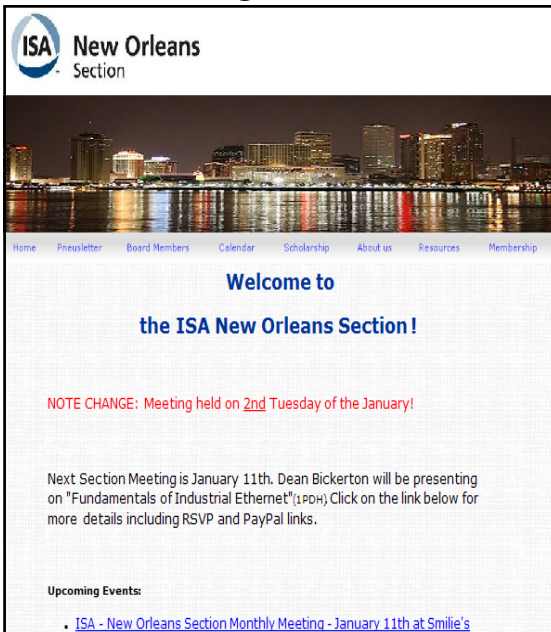
- Date January 11, 2011
- Place Smilie's Restaurant  
Harahan, Louisiana
- Time Open at 6:00 p.m.  
Serving at 6:30 p.m.
- Price Admission \$15 per person
- RSVP [isa\\_neworleans@yahoo.com](mailto:isa_neworleans@yahoo.com)  
Type your name, quantity in party

## Check the Calendar and Website for 2011 Activities

If you haven't had a chance to check out the New Orleans ISA Section website, please visit [www.isa.org/~newor/](http://www.isa.org/~newor/) for local ISA information such as meetings, seminars, events, etc.

Also, page 4 of *The Current Pnewsletter* states the upcoming calendar of events. Please note our upcoming 2011 Golf Tournament and Honors and Awards Banquet.

We look forward to seeing you there!



## SECTION OFFICERS 2010–11

<b>President</b> <b>Beth Walker</b> (985) 785 3489	<b>Codes, Standards, &amp; Practices</b> <b>Ram Ramachandran</b> (985) 764 1692
<b>President-elect</b> <b>Chaille Percy</b> (504) 836 8955	<b>Historian</b> <b>David Bishop</b> (985) 764 9902
<b>Vice President</b> <b>Bill Reynolds</b> (504) 849 2206	<b>Exhibits</b> <b>Pat Lyles</b> (985) 377 1040
<b>Secretary</b> <b>Ram Ramachandran</b> (985) 764 1692	<b>Past President</b> <b>Mike Williamson</b> (504) 849 2243
<b>Treasurer</b> <b>Chris Bruno</b> (504) 849 2144	<b>Student Section Liaison</b> <b>Leo Holzenthal</b> (504) 836 8902
<b>Delegate</b> <b>Ram Ramachandran</b> (985) 764 1692	<b>Arrangements</b> <b>Mike Benbow</b> (504) 616 3282
<b>Section/District Liaison</b> <i>Vacant</i>	<b>Webmaster</b> <b>Beth Walker</b> (985) 785 3489
<b>Education Chair</b> <b>Bob Deeb</b> (985) 549 5934	<b>Honors &amp; Awards Chairman</b> <b>Hugh Roser</b> (504) 737 7973
<b>Membership Chairman</b> <b>Bobby Esler</b> (504) 834 6913	<b>Newsletter Editor</b> <b>Anna Schindler</b> (504) 458 9526
<b>Program Chair</b> <b>Toby Miller</b> (504) 934 2108	

## Articles & Announcements

### Articles and Announcements

Submit an article or announcement to *The Current Pnewsletter* to Anna Schindler at [anna.schindler@awc-inc.com](mailto:anna.schindler@awc-inc.com).

### 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 e-mail.

## President's Corner

**Beth Walker**  
**Monsanto, Luling Plant**  
**E&I Engineer**  
[helen.e.walker@monsanto.com](mailto:helen.e.walker@monsanto.com)  
**Office (985) 785-3489**  
**Cell (504) 338-2262**



Dear Fellow Members,

The November meeting was held at Zea's in Covington to encourage North Shore residents to attend and participate in our monthly meetings. Dr. Lawrence Beckman provided an interesting presentation on Fire and Gas Detection and Mitigation Systems. We had a good turnout with many compliments on the food and the speaker.

The December meeting was Managers Night. Judy Phillpott had an excellent presentation on the phase-out of Bush tax-cuts and the tax implications of the Healthcare package recently passed by Congress.

Please refer to the Pnewsletter Program and visit the website for upcoming events and other beneficial information. A couple of events to I would like to highlight:

- Joint Technical Society Seminar in planning for January 2011
- Hazardous Area Classification Seminar in planning for March 2011
- Annual Golf Tournament in planning for April 2011
- ISA Baton Rouge/New Orleans Annual Expo – April 2011

Sincerely,

*Beth Walker*

# Minutes

## ISA Board Meeting

December 7, 2010  
5:00 PM  
Smilie's Restaurant  
5725 Jefferson Highway  
Harahan, LA 70123

Meeting called by: Beth Walker (504-338-2262)  
Type of meeting: Regular Monthly Board Meeting

Attendees: Beth Walker, Mike Williamson, Chaille Percy, Roger Reedy, Toby Miller, Chris Bruno, Bobby Esler. (Not a quorum)

1. Call to Order - 5:00 pm by Beth.
2. Review Agenda - Beth issued copies of the agenda.
3. Old Business
  - 3.1) Approval of board meeting minutes from November, 2010
4. New Business
  - 4.1) Treasurer's Report and Financial - Chris Bruno issued Treasurer Report for Net Worth (12/6/10) and Cash flow.
  - 4.2) PMCD (Process Measurement & Control Division) - Chaille will contact PMCD before next meeting.
  - 4.3) Program Chair - Calendar of Events
    - November North Shore Meeting Attendance. OK, but it could have been better.
    - Confusion on Meeting Dates - Beth, will re-issue meeting dates in next newsletter.
    - Speakers & Topic - Toby Miller. Dean Bickerton will be the speaker for the January meeting.
  - 4.4) Marketing Chair - Larry Saunders. He will report next meeting.
  - 4.5) Honors & Awards - Hugh Roser. No updates.
    - Annual Awards
  - 4.6) Education Chair - Bob Deeb.
    - Proposed Technical Education Seminar: Area Classification. Dave Bishop may be able to run it in April 2011. WESCO may be the location.
  - 4.7) Student Activities - Leo Holzenthal
    - January Joint Society Seminar - Beth Walker / Chris Bruno. Chris distributed a flyer on the event.
    - Scholarships - Barry Acosta. A UNO student will be probably awarded the same as last year.
  - 4.8) Annual Golf Tournament - Pat Lyles. A report will be issued next month.
    - Date and Location determined? When to begin advertising?
  - 4.9) Membership Chair - Bobby Esler
    - Bobby reported that the membership is up to date with 247 members or interested parties.
  - 4.10) Newsletter - Anna Schindler
    - Target date for distribution of next newsletter is December 28th
  - 4.11) Website - Beth Walker
    - Comments or suggestions? None at meeting.
  - 4.12) Manual of Organization and Procedures
    - Electronic copy - Mike Williamson promised to have it completed by next meeting.
5. Adjournment
  - 5.1) The meeting adjourned at 6:05 PM.

## ISA New Orleans Section 2010–11 Program and Meeting Schedule

Date	Topic	Speaker
Tuesday, 11 January	Smilie's Restaurant Fundamentals of Industrial Ethernet	Dean Bickerton The Reynolds Company
Tuesday, 8 February	In planning Zea's Restaurant	
Tuesday, 15 March	In planning Smilie's Restaurant	
Friday, 8 April	2011 Golf Classic	
Friday, 20 May	Honors and Awards Banquet	

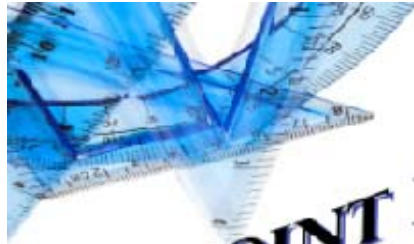
**Section Meeting:** Tuesday—January 11, 2010  
**Guest Speaker:** **Dean Bickerton**  
**Topic:** Fundamentals of Industrial Ethernet

We all use Ethernet networks in our daily lives, but do you know what goes on behind the wire? Our presentation will start with a basic understanding of Ethernet networking including history, standards and evolution. We will explore switching, bridging, routing, physical media, frames and the OSI model. Next we will move into the Industrial Ethernet space to discuss trends, protocols, dependencies and high reliability networks for critical infrastructure implementations.

Dean Bickerton has been involved in Industrial Ethernet implementations for the past nineteen years. He is a 1991 graduate of Auburn University with a Bachelors of Electrical Engineering degree. Throughout his career, Dean has provided automation solutions as a distributor, manufacturer and systems integrator. He has experience in several vertical industries including Oil and Gas, Chemical, Marine, Food and Beverage, Consumer Goods, Mining, Material Handling and Logistics, Water/Wastewater, Pulp and Paper, Energy, and Utilities. His technology experience includes Industrial Controls, Automation, Process Control, Motion Control, Power Systems and Information Software Solutions with major manufacturers such as Rockwell Automation, Siemens and Invensys. Dean is currently employed by The Reynolds Company as an Account Manager responsible for the Greater New Orleans area.



# Announcements



## FREE JOINT INDUSTRY ENGINEERING SEMINAR

JAN. 22, 2011  
8:30AM - 12:30PM  
UNO ENG AUDITORIUM  
EN101

**Calling All Students, Professors, Alumni, and Local Engineers**



Two Technical Presentations plus Ethics  
Professional Development Hours Will be Provided  
Brief Presentation by Local Professional Chapters  
RSVP: isa\_neworleans@yahoo.com



Sponsored By:



# Announcements

## Job Posting

At Monsanto, our Electrical and Instrumentation Engineer is a hands-on position that requires the successful candidate to build strong relationships throughout our manufacturing site. Monsanto offers outstanding technical career path options that allow for advancement, as well as many leadership opportunities. We have an exciting opportunity for an Electrical and Instrumentation Engineer (E&I) at our Chemical Manufacturing Facility in Luling, LA to execute improvements in E&I equipment performance, as well as having engineering and management responsibility for the design, installation, and start up of plant projects. This role also provides you with the opportunity to focus on reliability and optimization.

Additional responsibilities include:

- Provide E&I technical assistance on daily maintenance activities, when requested
- Assist in the development and execution of E&I safety and maintenance procedures (Work Plans, MJA's, Interlock, etc.)
- Monitor/trend, identify and develop solutions to E&I equipment issues (accuracy, high downtime, high maintenance cost &/or high quantity of repetitive failures)
- Generate Management of Changes documentation for solutions to E&I equipment problems that deviate from original design
- Review and make changes to assigned unit's or area's E&I Preventive Maintenance (PM) & Predictive Maintenance (PdM) programs
- Assist in establishing, monitoring and controlling the E&I portion of the maintenance budget and forecast in assigned area
- Monitor and control the level of nuisance alarms in unit or area
- Participate in World Class Maintenance initiatives (Reliability Teams, Meter Team, etc.)
- Maintain Instrument Specifications and E&I documents in assigned area
- Perform Incident Investigations and participate in unit or area safety teams
- Assist in providing technical training for Engineering and Operations personnel

Work closely with drafting personnel, production and maintenance personnel, vendors, consultant engineers, corporate engineering, and construction contractors

### Qualifications

Qualifications/Competencies:

- B.S. in Electrical Engineering with minimum of 5 years experience in engineering
- Computer proficiency in Windows based programs (Word, Excel, PowerPoint, and Outlook)

Desired skills/education/experience/attributes (ideal candidate):

- Previous experience with batch and / or continuous process operations.
- LEAN/Six Sigma training or experience
- Strong computer hardware and network experience
- Experience with PLCs, ProVox and or Delta V

Experience with Foundation Fieldbus and DeviceNet

Please note: This position requires you to perform work in a manufacturing plant environment, including ascending/descending stairs and ladders.

Please visit [www.monsanto.com](http://www.monsanto.com) to apply.