



Wilmington Section ISA
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Wilmington Section ISA

ISA, the international society for measurement and control, advances the technology and the competence and careers of practitioners for the benefit of industry and humanity.

Check out our web page at <http://www.isa.org/~wilmdel/>

Wilmington ISA Section Meeting "Fieldbus Fun and Facts"

**with Edward Smigo (Proconex)
Cullen Langford and Ray Grehofsky**

**Tuesday, March 28, 2000
Best Western, Newark DE, 5:30 pm
I-95 to Rte. 273 East, right at first light**

Please RSVP by Friday, March 24 to
Nicholas.P.Sands@usa.dupont.com
or leave a message at 302-761-2324

ISA SENSOR

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WILMINGTON SECTION ISA

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The Sensor

March 2000

Next Section Meeting - Foundation Fieldbus

Our next section meeting will focus on the foundation fieldbus standard, a lively and often controversial subject that is sure to generate lots of discussion. Three distinguished speakers will be present to share their views and comments. Please join them for what promises to be a thought provoking evening!



Cullen Langford, PE

Cullen Langford is a long time member of the Wilmington ISA and one time DuPont consultant. This is the latest in a series of presentations around field bus and the future of process control. He promises a "totally unbiased" review of the present situation and then, if encouraged, may expound a more biased and realistic users' view. He also announces that ISA is publishing the long awaited SP50 "User Layer Technical Report" which he edited.

Ray Grehofsky

Ray has spent 41 years in design of instrumented systems

CALENDAR OF EVENTS

March 28, 2000
Section Meeting
Foundation Fieldbus
Best Western

April 25, 2000
Shrimp Boil

May 23, 2000
Section Meeting
Best Western

for the process industries, the last 25 with DuPont Engineering.

Edward Smigo, Proconex

Edward Smigo has been with Proconex since 1980. He is currently Director, Systems Technology, a role in which he consults, trains, and sells solutions for their entire customer base. Among his responsibilities are improving the level of technical expertise for systems engineers through training, modularizing solution development, and marketing. Prior roles and responsibilities have included managing a department of twelve employees that included project managers, engineers, technicians, and secretaries. He has also successfully designed hardware and software for analog, digital, and distributed control systems and led field startups. Throughout his career he has managed and configured a wide variety of projects with emphasis on pharmaceutical and specialty

chemical batch as well as continuous combustion for boilers and steel making.

Ralph L. Moore Scholarship

Our Section is once again accepting applications for our scholarship named in honor of one of our favorite and most esteemed members. The application is open to any person who is currently a senior in high school and planning on attending further education in any form. The applicant must be sponsored by a member of the Wilmington Section. Send all requests for an application to Dan Roarty, Scholarship Chairman, at roarty@eit-online.com. Dan can also be reached at his home at 302-292-8866. All responses must be received by mid-May.

The Sensor is Now Available Online!

Out of the office a lot but don't want to miss the next section meeting or other hot section news? It's the Internet age to the rescue! You can now access and download a copy of *The Sensor* from the ISA website! Simply point your web browser to www.isa.org, then go to "sections", "Wilmington section". The current issue plus back issues are available for viewing or downloading. Adobe Acrobat Reader is required, and can be installed for free by visiting www.adobe.com. Now you never have an excuse for missing an important event! Give it a try today!

February Meeting Review - Software Solution Focused on Assets

Taking advantage of existing smart instruments and valves already in your plant, asset productivity products report errors, support maintenance and slash commissioning time. Ed Smigo, Director of Systems Technology at Proconex, explained the power of the new generation of tools aimed at connecting technicians and engineers to their field instruments and valves.

Often referring to capabilities of Fisher-Rosemount's Asset Management solution product, Mr. Smigo described the benefits the whole class of products targeted at capturing field information from smart devices using Fieldbus or HART protocol. The data shared showed a tremendous reduction in commissioning time for new project, enough to justify the asset management system. The reduction in unneeded maintenance was also highlighted as a significant benefit.

I/O boards for many PC and DCS vendors are available with HART modems, as well as single modems, to connect existing equipment to a PC loaded with the necessary software. New installations equipped with Fieldbus already capture the required data. Supported devices are application specific and can change as suppliers create SNAP-ON packages that extend the systems capability. An example was shared in which interlock function checks were automated using the system.

WISA would like to thank Ed Smigo for an interesting and thought provoking talk.

-Nick Sands

Looking for Friends of the Shrimp

The Wilmington Section Annual Shrimp boil is scheduled for April 25th and we need your help to make it happen. As you know, every year several sponsors help us out in defraying the cost of the shrimp and refreshments. We are now asking for your help. We have two levels of sponsorship:

Friends of the Shrimp : \$125.00

This provides you, in addition to your company name listed in the Sensor, a table top at the boil for you to display your company's products.

Boil Buddy : \$50

As a boil buddy we will list your company name in the Sensor the month before and after the event. In addition your name will be prominently displayed at the boil itself.

This year's speaker is once again the unmistakable Tom Lagana. Every year Tom provides a fantastic talk on issues dealing with the actual person behind all that instrumentation. Tom Lagana's presentation, "Extra-Ordinary Team Spirit," will focus on techniques to increase the energy and spirit in your team, your clients, and you.

As in years past I am sure this event will be a great time to meet fellow instrumentation professionals in an informal basis. Contact Dan Roarty at 800-634-4046 x617 or at

roarty@juno.com to be a part of this great outing.

Market demand, use of FOUNDATION fieldbus surging

A recent member survey by the Fieldbus Foundation found that approximately 800 FOUNDATION fieldbus-compliant systems have been ordered or installed on six continents. The study also revealed that more than 30,000 fieldbus devices are serving diverse industries. The foundation adds that more than 60 fieldbus products are now registered, and 70 more devices are scheduled for registration testing in the next few months.

Fieldbus Foundation President John Pittman says the survey's results show FOUNDATION fieldbus is extending its lead in the automation marketplace. He adds that scheduled delivery of the Fieldbus Foundation's High Speed Ethernet (HSE) technology during 2000 will likely drive explosive growth of FOUNDATION fieldbus technology across geographic and industry boundaries.

"As we enter the Year 2000, it's clear a revolution is occurring in the controls and instrumentation industry...the FOUNDATION fieldbus revolution! Market research shows demand for FOUNDATION-compliant products is surging worldwide as an increasing number of process and discrete parts manufacturers install this advanced, proven, and open technology," says Mr. Pittman.

For more information, visit <http://www.fieldbus.org> or call 512-794-8890.

**General Assembly
scheduled for March 29 in
New Orleans**

To help end-users launch initial fieldbus projects and suppliers gain a fast track to fieldbus product development, the Fieldbus Foundation (Austin, Tex.) announced Jan. 3 that it will hold its 2000 General Assembly at the New Orleans Marriott Hotel (New Orleans, La.) on March 29. This year's theme, "Working Worldwide ...Interoperable, Accepted and Growing, stresses that the assembly will be a comprehensive seminar and technical training opportunity.

The assembly's morning session will cover formal business, such as announcing the election of the Fieldbus Foundation's 2000-01 board of directors. Headlined by a luncheon address by Dave Woll, ARC Advisory Group vp, the afternoon session will be open to both members and non-members, and will include both introductory and advanced training sessions for end-users, as well as in-depth courses for device developers seeking to implement FOUNDATION technology.

The one-hour technical sessions run from 1-5 p.m. Attendees can select sessions via pre-registration. Registration costs

are \$100 for the full-day session (including lunch) and \$50 for the afternoon session only. Lunch tickets will be available at the door for \$25 for those not attending the morning session. A hosted reception and tabletop exhibition of registered, registration-pending, and compliant fieldbus devices, as well as an HSE demonstration, will follow the technical program sponsored by the manufacturing and supplier members.

For more information or to register, contact Catherine Wheeler by phone at 512-794-8890, via e-mail at cwheeler@fieldbus.org, or visit <http://www.fieldbus.org>.



Wilmington ISA Section
**Year 2000 Industrial Measurement and Control
Exhibit and Technical Seminars**

Thursday, November 16, 2000

10:00 AM - 6:00 PM
Holiday Inn Select Hotel
(Formerly Wilmington Hilton)

Off I-95 and Naamans Road in Claymont, Delaware

See the latest in instrumentation and control technology right here in your own backyard

Access to new and innovative instrumentation products and technology
One-on-one interaction with vendors to discuss the most appropriate products and
equipment to meet your facility's needs

Free Admission

Easy to get to Location, and free On-site Parking

TECHNICAL SEMINARS (Earn Continuing Education Units toward Technician Certification
Renewal—contact us for details)

The 1998 Wilmington Section ISA Exhibit and Technical Seminars were a great success for the exhibitors and
Section alike. There were 61 exhibitors and 308 user attendees from 124 companies.

For more information contact Ms. Janet Cunningham Phone: 301-898-3772 / Fax: 301-898-5596