



Wilmington Section ISA  
Box 9254  
Newark, DE 19714-9254

**Wilmington Section ISA**

**ISA—The Instrumentation, Systems, and Automation Society** 

Check out our web page at [www.isa.org/community/wilmi](http://www.isa.org/community/wilmi)

**Wilmington ISA Section Event**

**Section Meeting**

**Nick Sands - DuPont Edge Moor  
A DCS User Meets Fieldbus**

**5:30 PM - Applied Control Engineering  
Tuesday, February 25, 2003**

**The Mill At White Clay Creek  
700 Creek View Road  
Newark, DE 19711**

**Directions to ACE at [www.ace-net.com](http://www.ace-net.com)**

**ISA SENSOR**

Published By  
WILMINGTON SECTION ISA

PO Box 9254  
Newark, DE 19714

2002-2003 Officers

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# The Sensor

February 2003

## A DCS User Meets Fieldbus February 25, 2003

This presentation summarizes the challenges an experienced DCS user faced during the startup of a fieldbus system. We follow our user as he works through the startup of the network, the instrumentation, and the configuration. Along the way he discovers the power and the pain of fieldbus. The story continues through the maintenance of the system for over a year, and ends with some reflections from the somewhat wiser user.

Nick Sands has a BS in Chemical Engineering from Virginia Tech and over 12 years of experience in process control at Dupont. He is not, and would never claim to be, an expert on fieldbus.

## President's Address

Happy New Year! I would like to welcome you to a new ISA year for the Wilmington Section. Last year was an outstanding year for our section. We had record attendance and sponsorship at the shrimp boil and the Blue Rocks game. Our November show was a big success with both the seminars and exhibits well attended. Let's keep up the momentum this year! Your support has enabled our section to many outstanding years and we would like to make 2003 the best year yet!

I would also like to welcome our new Newsletter Editor, Ken Lawrence, from Applied Controls Engineering (ACE) and thank Ken for his involvement in the Wilmington Section.

Please show your support of the section by attending the monthly meetings and as many activities as possible. Bring a friend to our section meetings and encourage them to join ISA. Our February section meeting will feature a talk on Fieldbus, A Users' perspective on installation and maintenance. Fieldbus is a hot topic in industry and should be of interest to everyone in industry, as more of our vendors their Fieldbus solutions.

Your section has made great strides in keeping pace with the progress of communications. All of the local events are listed on our web page as well as published in the sensor. All of the section officers are available by email and we would like to hear from you!

The greatest benefit our section can offer you learning. Whether it is a technical presentation at one of our meetings or shows or networking at fun event like the Shrimp Boil, Picnic or Blue Rocks game, we want to help you increase your skills and help your with your job. Please join us this year for both learning and fun!

## IEEE Joint Meeting at Agilent

The joint meeting of the local WISA and IEEE chapters was held at the Agilent facilities on January 13, 2003. An approximate turnout of 50 members of both organizations qualified this outing as a very popular and successful event.

We would like to thank our Agilent hosts and friends that worked behind the scenes to make this joint meeting an event not to miss!

On the technical side, presentations by Agilent personnel updated our membership's collective knowledge with information on the current state-of-the-art engineering in analytical instrumentation. The latest Gas Chromographs including the newest portable GC's were on display.

The meeting included a tour of the world class Agilent manufacturing facilities, with highlights on the Regulatory Test facilities, Product Safety test areas, Environmental Test Chambers and Product Packaging.

## Ralph L. Moore Scholarship

We are accepting applications for the \$1000 ISA scholarship named after one of our most famous members, Ralph Moore. The scholarship is presented to a high school senior who is planning to obtain an advanced degree at either a technical school or university. The application must be sponsored by a ISA Wilmington member. Please contact Dan Roarty at his email address, droarty@tycoint.com for an application or additional information. Applications are due by May 15th and the award will be presented at the June picnic.

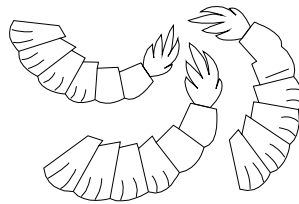
## Bring a Friend Drive

Do you know someone who might be interested in ISA? The Wilmington Section will have a sign in sheet where members can sign in and list the "friends" (non-ISA) members they have brought to the program. In June the person who has brought the most guests to section meetings (not including the family picnic) will win a prize. Stay tuned for more details.



Wilmington Section of ISA – International Society for  
Measurement & Control

# Wilmington ISA Shrimp Boil!



## **The Shrimp Are Running Scared!**

Can it be? Is it time once again to gather around the 80 quart pot and cook up pounds of shrimp? YOU BET IT IS! Mark your calendars for **April 29th** when the 11<sup>th</sup> annual Wilmington ISA Shrimp Boil kicks off. Once again the call is going out to our local vendors to help sponsor this event. We have two levels of sponsorship:

**Friends of the Shrimp:** \$125.00 This provides recognition in two issues of the SENSOR as well as at the Boil itself. It also entitles the sponsor to set up a table top at the Boil to display your company's products.

**Boil Buddy:** \$50 This level of sponsorship provides recognition in two issues of the SENSOR as well as at the Boil festival.

Without the sponsors this yearly event would not take place. Please consider being a sponsor for this year's biggest Wilmington ISA social event. Please indicate your interest by sending an e-mail to Dan Roarty at [droarty@tycoint.com](mailto:droarty@tycoint.com).



## Ralph L. Moore

# \$1000 ISA Scholarship Application Form

Presented by the Wilmington Section of the  
International Society of Measurement & Control

### Application Requirements:

- ◆ Applicants must be sponsored by a Wilmington Section ISA member.
- ◆ Students must be a high school senior.
- ◆ Students must be attending a 2-4 year college/university or technical training school.
- ◆ Applicants pursuing a technical or science degree will receive preferential treatment.

### Supporting Information Required:

#### Short written essay including:

- ◆ Sponsor
- ◆ Achievements (both scholastic & personal)
- ◆ Extra curricular activities & community service
- ◆ Leadership roles

#### Recommendations:

- ◆ Teachers (2)
- ◆ Personal (1)

High school transcript including GPA, SAT and class rank.

This information will be reviewed by the Wilmington Section Scholarship Committee. Deadline for receipt of information by the committee is May 15th. Submit information to:

Dan Roarty  
Scholarship Chairman  
319 Palomino Drive  
Newark, DE 19711  
Home Telephone # 302-292-8866 e-mail: droarty@tycoint.com

### Award & Presentation:

A check will be presented at the ISA Annual Picnic held in June.

The recipient will be presented with a check for \$1000.00 from the ISA Wilmington Section.

This presentation will, if possible, be made at the June ISA Family Picnic. All applicants will be notified of the results. In case of tie the award will be evenly divided.