



Wilmington Section ISA  
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Wilmington Section ISA

ISA—The Instrumentation, Systems, and Automation Society



Check out our web page at <http://www.isa.org/community/wilmi>

## Wilmington ISA

**Cyber Security of Process Control Systems**  
“A view from the inside”

**Presented By**  
**Tom Good**  
**E.I.DuPont**

**6:00 PM, Tuesday, March 22, 2005**  
**Applied Control Engineering (ACE)**  
Directions at [www.ace-net.com](http://www.ace-net.com)

**RSVP to: Mike Morkun**

## ISA SENSOR

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PO Box 9254  
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# The Sensor

March 2005

**March 22nd Meeting  
6:00 PM at ACE**

## **Cyber Security of Process Control Systems**

**“A view from the inside”  
by Tom Good,  
Process Control Engineer  
DuPont**

You see many headlines in the news about security at our chemical manufacturing sites and nuclear plants. The threat of terrorism through cyber attacks of our computer systems is constantly being publicized. One needs to ask, “Is the threat real, and what is being done about it?”

The cyber risks are real and need attention. There are many activities underway to address the physical and cyber vulnerabilities of our nation’s critical infrastructures. The more we look under the covers, the more we realize how interdependent the various commercial and industrial sectors are and how we depend on our computer systems to maintain that level of stability.

This presentation will primarily focus on cyber security initiatives underway in the commercial and industrial sectors, and in the Department of Homeland Security. ISA is one organization that is stepping up to address the issues. SP99 is the new standards activity underway to provide guidance on Manufacturing and Control System Security.

### **FUTURE EVENTS**

**March 22nd - Cyber Security by  
Tom Good, DuPont**

**April 26th - Annual Shrimp Boil  
at ACE**

**May 24th - Section Meeting**

**June 28th - Annual Picnic  
Ralph L. Moore Scholarship  
Award**

The presenter will present a view from the inside having worked for two years with the cyber security activities associated with the Department of Homeland Security, National Institute of Standards and Technology, ISA SP99, American Chemistry Council, and the Chemical Sector Cybersecurity Program.

### **Speaker Bio**

Tom Good is a process control engineer working in the E. I. DuPont Electrical, Instrument, and Control Systems group working in system integration. For the past four years he has played a key role in orchestrating a step change within DuPont in cyber security practices to reduce the potential risk to manufacturing and process control systems. For the last two years Tom has worked closely with the Chemical Sector Cybersecurity Program to bring DuPont’s practical experience to the rest of industry.

Tom graduated from Lehigh University with a BSCHE in 1974.

## **President's Message By Ken Lawrence**

Our District II meeting is coming up the first weekend in April. It’s going to be a little further away than usual, but I look forward to traveling down to Myrtle Beach this year. There will be a round table discussion on Saturday afternoon on Section Challenges and Successes. As the representative for the Wilmington Section, I would like to hear from any of our Section members if you have something you would like me to bring to this forum.

We have seen a number of new chair positions filled on our Executive Committee this year. Matt Murphy has taken over as our Membership Chair while George Bentinck and P. C. Gopalratnam are running the scholarship programs for Ralph L. Moore and University of Delaware. We want to welcome Debbie Lien from Invista, she will be joining us at our April 14<sup>th</sup> Executive Committee meeting held at ACE.

Mike Morkun and Matt Murphy have done an excellent job as Program Chairs this year, but with Matt moving over to membership and Mike having served for two years, we could use some volunteers starting in June to serve as Program Chairs and help keep the programming moving smoothly.

If you have an interest in working with the Executive Committee, please visit us on April 14<sup>th</sup> during our planning meeting. No obligation to join and you get a free meal in the process.

<p style="text-align: center;"><b>Ralph L. Moore \$1000 ISA Scholarship</b></p> <p style="text-align: center;"><b>Applications Being Accepted Presented by the Wilmington Section of the International Society of Measurement &amp; Control</b></p> <p><b>Application Requirements:</b></p> <p>A Wilmington Section ISA member must sponsor the Applicant</p> <p>Applicant must be a high school senior</p> <p>Applicant must have plans to attend a 4-year college/university or technical training school.</p> <p>Applicants pursuing a technical or science degree will receive preferential treatment.</p> <p><b>Supporting Information Required:</b> Short written essay including:</p> <ul style="list-style-type: none"> <li>*Name of sponsor</li> <li>*Achievements (both scholastic &amp; personal)</li> <li>*Extra curricular activities &amp; community service</li> <li>*Leadership roles</li> </ul> <p><b>Recommendations:</b></p> <ul style="list-style-type: none"> <li>*Teachers (2)</li> <li>*Personal (1)</li> </ul> <p><b>Submit information to:</b> P. C. Gopalratnam INVISTA S.ar.I. Three Little Falls Centre 2801 Centerville Road Wilmington, DE 19808</p> <p>e-mail: p.c.gopalratnam@invista.com</p>	<p style="text-align: center;"><b>Ralph L. Moore Award &amp; Presentation:</b></p> <p>The Wilmington Section Scholarship Committee will review this information. Deadline for receipt of information by the committee is May 15th. The recipient will receive a check for \$1,000 written to the university or college at the ISA Family Picnic planned in June 2005. All applicants will be notified of the results. In case of tie the award will be evenly divided.</p>	<p><b>District 2 Meeting:</b></p> <p>The time for our District Leadership Conference is fast approaching. It is scheduled for April 1-2, 2005 in Myrtle Beach, SC.</p> <p>As we did last year, we will meet Friday evening (April 1) for a delegates meeting and section reports. Then a full day of meetings and related activities on Saturday (April 2), concluding with our Honors &amp; Awards banquet on Saturday evening.</p> <p>Donald P. Mailliard ISA District 2 Vice-President dmailliard@aeroglide.com</p>
<p style="text-align: center;"><b>February Meeting Notes: Instrumentation &amp; Controls Credentials</b></p> <p>Nick Sands did a great job presenting information on a number of certifications that are available in our industry and how they could apply to our career development. He went over some of the differences in licenses, certificates and certifications and the qualifications and testing requirements needed to pass them.</p> <p>ISA programs for Control System Engineer License, Certified Automation Professional and Certified Control System Technician were compared and discussed in detail. Study guides for these programs were available for review after the presentation.</p> <p>The most interesting part of the presentation was the sample questions Nick brought along from the study guides for the ISA programs. At the end of his presentation, Nick asked a number of questions, looking not only the answers, but from which certification program the questions came from.</p> <p>Thanks Nick for an informative presentation.</p>	<p style="text-align: center;"><b>Leadership Need for WISA</b></p> <p>One key position we are trying to fill for our Wilmington Section is the Education Chair.</p> <p>The Primary Responsibilities &amp; Duties are as follows:</p> <ol style="list-style-type: none"> <li>1. Help develop the subject matter for the monthly technical meetings, special conferences, training courses, etc.</li> <li>2. Alert members to pertinent instrumentation information.</li> <li>3. Encourage members to prepare papers for ISA conferences and other technical organization events.</li> <li>4. Maintain liaison with Student Sections and other organizations devoted to technical education and encourage joint programs.</li> </ol> <p>Another position that we are seeking help in is our local ISA Wilmington Section Website. If you like working on the web and are familiar with website development and support we would like to talk with you.</p> <p>Please contact Ken Lawrence if you are interested in this role.</p>	

## **Friends of the Shrimp Sponsors:**

We want to thank our Sponsors for supporting the WISA Shrimp Boil. We couldn't do it without them, please thank the sponsors with your patronage.

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