



Wilmington Section ISA
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Newark, DE 19714-9254



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 "Controller Performance"

with Joseph P. Shunta, DuPont

**5:30 pm Tuesday, September 28, 1999
Best Western - Newark, DE
I-95 to rte 273 East, right at first light**

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

ISA SENSOR

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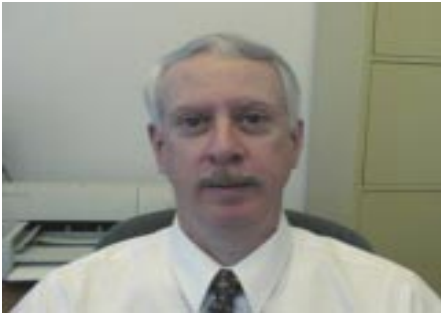
1999-2000 Officers

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The Sensor

September 1999



Next Event - Section Meeting

Our next section meeting will discuss the various approaches to measuring and monitoring controller performance that may be implemented in today's manufacturing environment. The featured speaker will be Joe Shunta of DuPont Engineering.

Joe has been a Process Control Engineer in DuPont Engineering since 1972. He has pioneered several efforts, most recently in developing a methodology for improving asset productivity through control improvements. He has also been the lead consultant on projects for nylon, Lycra®, agricultural chemicals, and engineering polymers. He has also led an assessment team to improve asset productivity across the company. Joe received his Ph.D. and M.S. in chemical engineering from Lehigh University in 1971, and his B.S. from Michigan Tech University in 1964. He has several publications to his name, but is perhaps most noted for his latest book, *Achieving World Class Manufacturing Through Process Control* (1995). Joe is a registered P.E. in Delaware and California.

CALENDAR OF EVENTS

September 28, 1999
Section Meeting
Best Western

October 26, 1999
Plant Tour
DuPont Life Sciences
Wilmington, DE

November 9, 1999
Joint Meeting with IEEE



Blue Rocks Review

On August 3, 1999 our hometeam, the Blue Rocks, met the Lynchburg Hillcats under perfect weather in a crowded stadium. The recent seven game losing streak to the Hillcats hung over the hometeam.

Earlier many of the 75 plus ISA ticket holders enjoyed each other's company, discussing the finer aspects of instrumentation, and receiving a complimentary travel mug. We dined on fine burgers, hot dogs, and ice cream in the stadium picnic area and headed to the game stuffed! The luck of the WISA held out, as our seating section was the winner in a stadium promotional skate game. Each of our ticketholders received free passes to the local roller skating rinks.

The Hillcats took advantage of the Blue Rocks by opening up a 2 to 1 lead by the end of the first inning. From there it was cat and mouse until the Blue Rocks tied the Hillcats 3 to 3 in the seventh. In the eighth inning the Hillcats met their Waterloo! A Grand Slam by Sam McConnell quickly broke the Hillcats spirit and was soon followed by two more runs. The ever gracious Blue Rocks allowed two runs in the ninth to end the game 9 to 5.

-Vince Brady

Presenting the Wilmington ISA 1999-2000 Roster of Officers:

President & Delegate

Vince Brady

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Treasurer

Kong Nguyen - E. I. DuPont

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Standards & Practices

Cullen Langford



June Picnic a Hit

The annual family picnic took place on June 22nd, and provided good food, good beer, and good weather for all to enjoy. It also officially concluded the 1998-99 membership year. In honor of this occasion, several "Special Service Awards" were presented to:

P.C. Gopalratnam (DuPont) - President

Joseph P. Smith (ABB Hartmann & Braun Process Analytics) - Exhibit Chairman, & Past President

William D. Balascio (Applied Control Engineering) - Director of Education

Merlynn R. Wegter (Rodel) - Treasurer

Swami Kalyanam (Consultant) - CCST Course Instructor

Julie F. Smith (DuPont) - Newsletter Editor

These awards are given to outstanding individuals each year in recognition for their many contributions to the ISA Wilmington Section, and for their tireless efforts as Section officers and committee chairman.

The annual Ralph L. Moore Scholarship was also awarded at this event. Stephanie Drew was the winner and will be attending Brown University in the fall.

Stephanie plans to major in Biology at this time.

Finally, what picnic would be complete without the traditional "vendors versus users" softball match? Officially, the Beady Eyed Vendors won the softball game 12 to 10. This was nothing short of a miracle since only two players were really vendors. It seems that we were seriously short ballplayers this year. As a result, many players switched back and forth from batting to fielding for both teams in the same inning. Regardless, everyone still had fun and it was a good game, plus you got to bat more often.

President's Message

I would like to welcome all of our members to a new ISA year for the Wilmington Section. Your support has enabled our Section to have an outstanding year!

The success of our last Exhibit and similar activities was remarkable due to your individual contributions and teamwork. We would like to share the benefits of this success with you in the upcoming year!

Many of our upcoming local events are in the final planning stages and I am excited that ISA TECH/1999 will be held nearby at the Philadelphia Convention Center on 5-7 October 1999. The Wilmington Section will also be planning its 50th anniversary this year, our section charter was granted December 2, 1949. Don't miss this event!

Your section has made great strides in keeping pace with the worldwide progress towards

electronic communications. All your local events will be online at <http://www.isa.org/~wilmdel/> as well as published in the Sensor. National events may be accessed at <http://www.isa.org>. All of the section officers are now accessible directly by e-mail. You are encouraged to actively communicate.

However, the benefit the section would most like to offer in return to you, is learning. Whether it is a technical presentation at one of the monthly meetings or at a fun event like the Shrimp Boil or Family Picnic. The section can help maximize your education and skills through your participation in these events and activities. Please consider this an open invitation to join us in both learning and fun!

- Vince Brady

Update Your Membership Information Online!

Have you seen the new, convenient way to update your membership records at National? All you need is a web browser! The necessary steps are:

Log onto: www.isa.org
Select: "Inside ISA" on homepage in right hand column
Select: "For Members Only" (first time users will need to enter ISA membership number on your member card and last name in caps)
Select: 'Enter for Members Only'
Select: 'Update/Review your ISA member record'

Update your record as necessary and follow onscreen instructions.

Give it a try today!

"Congratulations!" to...



**Robert S. (Bob) Crowder,
recently named ISA Fellow**

Bob founded SHIP STAR Associates, Inc., a leading independent supplier of Fieldbus technology, in 1985. Fieldbus is an industrial network that is widely used in the automotive and discrete parts, petroleum, petrochemical, paper and other manufacturing industries. It connects measurement and control devices to central computers, control systems and to each other. Bob holds a pioneering patent on Fieldbus technology. He has played a leading role in developing U.S. and International standards for Fieldbus and industrial LANs. Under Bob's leadership, SHIP STAR has developed silicon chips, PC boards, software and technology training for several leading fieldbuses. SHIP STAR is now developing SwiftNet, an advanced, high speed synchronous fieldbus for use in aircraft flight test and control applications.

Prior to founding SHIP STAR, Bob developed and managed computer based process control systems for E.I. DuPont. One of these systems, INFOTROL, is

used at more than 100 Dupont sites worldwide. Bob architected and led development of pioneering CRT based, object oriented, human interfaces for control systems. He developed a self tuning controller that is based on expert system principles and participated in development of specialized analytical instrumentation. Bob led development of manufacturing execution systems for control of complex batch process like dye manufacturing, tetramethyl lead manufacturing, and catalyst preparation. He led some of DuPont's early efforts in automation of textile yarn handling systems and firearms manufacturing. Bob more recently participated in the Year 2000 assessment, testing, and remediation efforts of DuPont.

Bob joined E. I. DuPont after graduating from the University of Alabama with a BSEE in June 1958. He earned an MSEE/CS (1966) from the University of Delaware.

The Directories Are Here!!

The 1999 Member Directory is now available! If you are a member and did not receive one, call (302-892-7786) or send an email to Dirk Sweigart (dirk.m.sweigart@usa.dupont.com).

Please note that if you updated your DIRECTORY entries via the recently mailed postcards, this did not change your listing with the National organization. The next time we do a directory we will have to start again with what National ISA has in their listing! So please make any changes to your address, phone, fax or e-mail with National first by visiting www.isa.org.

Some of the listings in the "represented manufacturers" part of this directory are in error. Please attach the list below to your copy and mark out the present listing:

REPRESENTED
MANUFACTURERS -
CORRECTION:
ARNOLD, INC.
BINDICATOR
BLUE RIBBON INDUSTRIAL
COMPONENTS
CARLO GAVAZZI
CROUZET CORP.
DAVIS CONTROLS
DISTAVIEW
EXLOC CORP.
GEMS SENSORS
LEVELITE
LEVELWORKS
MARKAND
WARRICK CONTROLS, INC.
WESTLOCK
Are all represented by: C. A.
BRIGGS COMPANY



FREE Display Registration!!

Still haven't registered for TECH/99 in Philly yet? You may be one of the smart ones! ISA is now offering FREE display-only registration! This free pass does not admit you to the technical conference sessions, but will allow you to attend the technology center displays, keynote, and plenary sessions. So delay no further! Point your browser to www.isa.org/techexpo today for your free ticket to the ultimate technology event for measurement and control professionals! See you October 5-7 at the Convention Center!