



Wilmington Section ISA  
Box 9254  
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 "Asset Productivity"**

**by Edward Smigo, Proconex**

**Tuesday, February 22, 2000  
Best Western, Newark DE, 5:30 pm  
I-95 to Rte. 273 East, right at first light**

Please RSVP by Friday, February 18 to  
**Nicholas.P.Sands@usa.dupont.com**  
or leave a message at 302-761-2324

### **ISA SENSOR**

Published By  
WILMINGTON SECTION ISA

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# The Sensor

February 2000

## First Section Meeting of the Millenium - trying again!

Due to the surprise blizzard of January 25, the last section meeting had to be cancelled. Fortunately, we were able to reschedule the topic to the February meeting. So if you were hoping to learn all about asset productivity and how it can impact you and your business, it's not too late! Our featured speaker will be Edward Smigo of Proconex. Come join us for an interesting and informative evening!

## 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

## CALENDAR OF EVENTS

February 22, 2000  
Section Meeting  
Asset Productivity

March 28, 2000  
Dinner Meeting  
Clayton Hall

April 25, 2000  
Shrimp Boil

projects with emphasis on pharmaceutical and specialty chemical batch as well as continuous combustion for boilers and steel making.

Edward received his B.S. in Electrical Engineering Technology from Penn State. He is currently a member of the International Society of Pharmaceutical Engineers (ISPE), and an Engineer in Training in the State of Pennsylvania.

## 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](http://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](http://www.adobe.com). Now you never have an excuse for missing an important event! Give it a try today!

## 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](mailto:roarty@eit-online.com). Dan can also be reached at his home at 302-292-8866. All responses must be received by mid-May.

## Membership Services

Have you moved or changed addresses? Not getting your Sensor or National Mailings? Call to make changes or updates to:

National ISA - Member Services  
919-549-8411

Local Section (Dirk Sweigart)  
302-892-7786  
[dirk.m.sweigart@usa.dupont.com](mailto:dirk.m.sweigart@usa.dupont.com)

You may also change your records with national online at [www.isa.org](http://www.isa.org).

## President's Message

I am excited by the progress the Wilmington section has made in adopting and updating its technology to meet the changing needs of our members. As I began my term, my primary objective was to review the foundation of our organization literally from the bottom up. This review has resulted in many small significant changes in our operating methods to increase the efficiency of the organization through the use of technology. All the volunteer members of your executive committee have been instrumental in the use of this technology to define and forge this new organizational foundation for the future. The benefits to you, our membership, will increase as our interactive communication capabilities continue to grow. We have also taken the first steps in the coordination of our activities with other professional societies in our area. I am glad to state that your WISA is structurally, morally, and financially healthy, and continuing to grow!

-Vince Brady

## 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](mailto:roarty@juno.com) to be a part of this great outing.



National Engineers Week  
February 20 - 26, 2000

## **Ambitious Array of Activities Set for First Engineers Week of the Millennium**

National Engineers Week 2000, February 20-26, with a special focus on minorities, women and youth, aims to reach the entire American public. Plans for the

most ambitious National Engineers Week in the 49-year history of the event have been unveiled by the National Engineers Week Committee. The week will showcase a host of new projects and programs intended to spread the message of engineering's importance to society, but plans also to include a concerted effort by engineering societies and businesses to actively recruit minorities and women into their ranks.

One effort aimed at raising public awareness of engineering is the selection of the Great Engineering Achievements of the 20th Century, to be announced at a National Press Club luncheon in Washington during E-Week 2000. Considering the staggering engineering accomplishments of the past one hundred years (the U.S. moon landing, construction of the Hoover Dam, the interstate highway system, the artificial heart, computers, and the Internet, to name just a few) the selection is certain to challenge the team of experts who will make the final decision. That panel, which will meet anonymously to ensure their objectivity, will be made up of engineers from the National Academy of Engineering.

National Engineers Week 2000 also brings back one of its most popular activities, the Future City Competition. The competition asks seventh- and eighth-graders to design first on computer and then in a large three-dimensional model a city of the future. The students work with their teacher and a volunteer engineer mentor. Students must take into account real city problems such as pollution, crime, traffic, and unemployment and then solve them and defend their solutions to a panel of engineers.

**Delaware's Engineers' Week® Celebration - Thursday, February 24, 2000**

The Delaware Council of Engineering Societies (DCES) will sponsor the Engineers' Week® Celebration as the highlight of Engineers' Week 2000. The event will be held on Thursday, February 24, 2000 at the DuPont Country Club. Social Hour begins at 5:30 pm, with the main program starting at 7:45 pm. Tickets are available by contacting Raymond D. Richter, P.E., Chairman of the Planning Committee at (302) 760-2371 in Dover or Thomas E. Meyer, P.E., CEC/DE at (302) 738-7551. Tickets are \$35.00/Adult, \$30.00/Retired, and \$15/Student.

The following awards will be presented at the celebration:

**Engineer of the Year:** Roberta S. Brown, PE, Vice President of Conectiv Power Systems

Ms. Brown has held a series of positions of increasing responsibility over the span of her career. She started her employment with Delmarva Power & Light Company (now Conectiv) on December 1, 1980 and is currently responsible for Electrical Engineering, System Operation, Transmission and Interconnection, Retail Choice and Major Projects for Conectiv Power Delivery.

She received a bachelor's degree in Physics & Math from Immaculata College in 1977. In obtaining the degree she attended Virginia Polytechnic (1968-70), Elmhurst College (1971-3), and Immaculata College (1974-7). Her past

awards include PSI Executive of the Year (1996), WWB Delmarva Power Leading Change Award (1995), and YWCA Community Recognition Award (1985). In addition, Ms. Brown has taken an active role in encouraging young women to pursue careers in engineering, the sciences, and non-traditional fields. She is only the second woman to be presented the Delaware Engineer of the Year Award.

**Young Engineer of the Year :** Guy F. Marcozzi, P.E., Vice President at Duffield Associates, Inc.

This is the first year that the Delaware Engineering Society (DES) has presented this award, although on a national basis, the National Society of Professional Engineers (NSPE) has presented such an award for quite a few years. The selection is made by the past Presidents Council of DES from nominations made by the Engineering Society Members of the Delaware Council of Engineering Societies (DCES) augmented by nominees from DES Past Presidents. Mr. Marcozzi's nomination was made by the Consulting Engineer's Council of Delaware (CEC/DE).

Mr. Marcozzi is currently Vice President of Duffield Associates, Inc., a consulting engineering firm specializing in the geosciences. He was promoted to this position in 1999. Guy has worked for Duffield Associates since his Senior Year at the University of Delaware, starting as an Engineering Technician (1984-5) and progressing to a partner in 1997. He presently is serving as the Leader of the Geotechnical Group.

**Engineering Excellence Award: Who will win in 2000?**

The Consulting Engineers Council of Delaware (CEC/DE) will once again present their annual Engineering Excellence Awards. The program recognizes engineering achievements that demonstrate the highest degree of skill and ingenuity while providing significant benefits to the public welfare and the practice of consulting engineering. In 1999, the VanBuren Street State Bridge restoration received the Grand Conceptor Award. The engineering work was done by KCI Technologies, Inc. of Newark, Delaware.

**Other E-Week Activities**

Other activities include the Discover "E" program, which will bring together some 40,000 engineers and five million elementary, junior and senior high school students to help them discover practical applications of math, science and technology through hands-on activities.

The National Technological University will be sponsoring the 11th annual "Discover Engineering" Telecast on February 23, a live satellite telecast for junior and senior high school students to learn about engineering careers. In addition, the seventh live, interactive NASA International Space Station Videoconference, where engineers, astronauts, cosmonauts and other experts discuss the research benefits of space exploration, will be broadcast twice in February. More information can be found at <http://www.spacesite.org>.