



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 Annual Shrimp Boil**

**with Tom Lagana, P.E.  
"Extra-Ordinary Team Building"**

**Tuesday, April 25, 2000  
Wilmington Valve and Fitting  
Century Blvd., New Castle DE**

Please RSVP by Friday, April 21 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

April 2000



## Next Event - Annual Shrimp Boil

The 2000 Annual Shrimp Boil is to be held on April 25th at Wilmington Valve & Fitting located on Century Blvd just off of New Churchmans Road. The start time is 5:00 p.m. with the shrimp pour at 6:00 and the speaker at 7:00. Tom Lagana will be the guest of honor once again, speaking this year on team building.

Is your Team headed in the direction you want them to go? Is the environment healthy for everyone's success? Tom helps you discover many basic strategies that are common sense but not common practice. Create a truly effective Team and a place where everyone wants to work together.

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! Tom is a Professional Engineer, Professional Speaker, Trainer, Author, and member of our ISA

## CALENDAR OF EVENTS

April 25, 2000  
Shrimp Boil  
Wilmington Valve & Fitting

May 9, 2000  
Executive Committee  
Meeting

May 23, 2000  
Section Meeting  
TBD

Section. Tom works with people who want to become their best. Tom has over 30 years in the corporate world, working with successful project teams throughout the U.S., Europe, and the Far East. Tom is a member of the National Speakers Association and is the 1994 recipient of the Jefferson Award for Outstanding National Public Service.

Bring some of your fellow office mates and help build some team spirit!

We would like to thank the following sponsors for contributing to this event; without their help this evening would not be possible!

**Friends of the Shrimp:**  
Applied Control Engineering  
Honeywell  
Wilmington Valve & Fitting

**Boil Buddies:**  
North East Technical Sales: Joe Gunn

## Directions to Wilmington Valve & Fitting

From Points North: I-95 South to rte 141 south to rte 13 south. Turn right onto rte 273 (towards Newark) just past New Castle County airport. At the first light, make a right onto New Churchmans Road. WV&F is about 1/2 mile down on the right. Turn in to Century Boulevard.

From Points South: I-95 North to rte 273 east (towards Dover). Follow rte 273 for about 4 miles. Turn left at light at New Churchmans Road. Follow as above.

## Bring a Potential New Member to the Shrimp Boil

Do you know someone who could benefit from ISA membership, but has not joined yet? Please invite them to the Shrimp Boil for an evening of fun and a chance to meet Wilmington ISA members informally.

## Welcome New Members!

Please welcome the following new members into our section:

Mark P Diguiseppe  
ASCO Valve Inc

William M Franey  
El DuPont

Robert Lutz, PE  
Lutz Engineering Inc



**World Famous Wilmington  
Sec. ISA Shrimp Boil Recipe**  
(adapted from "John Armand's  
Louisiana Shrimp Boil" recipe)

**10 person recipe**

Aprx.3 gallons of water (1/2 of container)

- 2 - 1 lb. 10 oz. boxes of salt
- 1 - 2.62 oz. box of red pepper
- 1 - box of shrimp/crab spice pack per 5 lb shrimp.
- 4-6 medium sized lemons
- 4-6 medium sized onions
- 2-3 lbs hot dogs
- 3-4 cloves of garlic (in pieces)
- 1+ red potatoes per person (3-5lbs)
- 1+ ears of corn per person
- 5-10 lbs. shrimp

**Cooking directions**

Heat water to a boil in a large cauldron, kettle, or pot.

Get a cold one to keep you company.

Add salt to water and taste.

When the brine gags you,(60,000 micromhos/cm), that is is enough salt. (You think its been ruined, but you haven't ....yet).

Add the crab boil spice pack (leave spice in sack).

Add red pepper to taste (don't throw in the bottle).

Add cloves of garlic.

Roll lemons to soften, cut in half, squeeze juice into pot and then drop halves in.

With water now boiling vigorously, cut onions in half

(peeling not necessary), and drop into pot.

Add potatoes (whole or half depending on size). Don't wash or peel, takes away from the flavor.

Simmer for 10-12 minutes. Time for another cold one.

Split hot dogs slightly, to allow the juices in and add to the mixture.

Drop in the corn and bring water back to strong boil.

Stir occasionally.

Add shrimp and boil 'til done ...Usually the shrimp will be done in 5 minutes of boiling depending on size. Watch shrimp closely because overcooked shrimp is hard to peel and is tough. The shrimp is done when the shell starts separating from the meat along the curve of the back (the sides will be red-orange and you will see a clear area between the meat and the shell).

Drain water (Careful, Its HOT and brine water will kill grass), and pour mixture on a table lined with several layers of newspaper. Be careful not to use editorial pages as it may rub off and ruin the food. Get another cold one and enjoy.

Use this recipe at your own risk and take appropriate safety precautions.

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**March Meeting Review**

21 members and guests attended the March 28 Wilmington ISA section meeting titled "Fieldbus Fun and Facts". Cullen Langford was the first presenter, starting with the history of Fieldbus (Cullen is the only active member that could remember that far back). The first Fieldbus meetings were held in 1985 as part of SP50. After some years of work by the

Fieldbus committee, they presented Fieldbus, as they saw it, for approval in 1998. The European countries voted against Fieldbus as presented and the corrective action committee polled for new proposals again. Eight proposals of incompatible systems were offered to the committee. Cullen's conclusions are: "Fieldbus components are available today, but we still don't have agreement as to what Fieldbus is". Mr. Brenen was the second presenter, sharing five facts about Fieldbus history at DuPont. 1- Cullen was the first person involved with Fieldbus at DuPont and no longer works for DuPont. 2-After Cullen's involvement, Frank took over Fieldbus and he is retired from DuPont. 3- Brenen inherited Fieldbus next and he too is retired from DuPont. 4- Mike became DuPont's Fieldbus champion and gave up being a bachelor after forty years. (Fieldbus makes people do strange things). 5- Yogi was next promoted to Fieldbus manager and has since retired from DuPont. After all this engineering involvement, DuPont has only one small Fieldbus system installed and running. Mr. Brenen's perspective on Fieldbus: "The problems with Fieldbus are that current business mentality requires quick payback, yet manufacturers didn't make it easy to test Fieldbus. There is no short term payback from Fieldbus, the long term payback comes from maintenance diagnostics."

Ed Smigo presented Fieldbus from a vendor's point of view. Ed stated that Fieldbus instrumentation and equipment is available today, but not every vendor has a complete line. A lot of companies have not included Fieldbus equipment on their approved list, making it very hard to specify it for projects. Fieldbus vendors can demonstrate

how reduced commissioning cost on new Fieldbus systems justify the new technology. Foundation Fieldbus has proven to be advantageous in countries with employee bases with lower skill sets. The United States is building few new plants and has an employee base with excellent skills, making Fieldbus less beneficial. Fieldbus has come a long way in 15 years, but is still a ways from being able to grab any manufacturer's sensor to replace the defective sensor on the bus. The one agreement that Fieldbus has come to in 15 years is to not agree on most things involving Fieldbus instrumentation.

- Merlynn Wegter

### **S84 Approved**

OSHA's stamp of approval on ANSI/ISA-S84.01-1996, titled Application of Safety Instrumented Systems for the Process Industries, means the safety standard - portions of which are already being widely adopted - is certain to be accepted even more by industries in the U.S. and worldwide. The OSHA endorsement also marks a major achievement for members of ISA's SP84 committee, chaired by Victor Maggioli, of Feltronics Corp., Newark, DE. OSHA's existing regulation is known as 29CFR (Code of Federal Regulations) 1910.119, Process Safety Management (PSM).

### **Ralph L. Moore Scholarship - Last Call!!**

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@scottbacharach.com. Dan can also be reached at his home at 302-292-8866. All responses must be received by mid-May.



### **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