



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.

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