



## The Instrumentation, Systems, and Automation Society – Alaska Section

February 2004

Issue 12

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The Newsletter does not necessarily express the opinions of the ISA, the Alaska Section, or its Members.

### Current Events

#### General Membership Meeting

**Date:** Thursday, February 19, 2004

**Time:** 12:00 noon

**Where:** Lone Star Steakhouse, Alamo Room  
4810 C Street

**Cost:** Ordering Off The Menu

**Guest Speaker:** Matt Scully

**Subject:** An overview of the University's Associates Degree in Process Technology. This relatively new two year program is offered at the three main campuses in the state, was designed in very close co-ordination with industry, and prepares people for operating jobs in the process industries.

Matt Scully has a BSEE from New Jersey Institute of Technology and is a registered PE in New Jersey and Alaska. He is a long time ISA member with over 30 years of Instrumentation and Control systems experience in a variety of industries, including 25 years in Alaska primarily with ARCO and Alyeska Pipeline. For the past three years he has been the full time instructor for UAA's Process Technology two year Associates Degree program here in Anchorage. The program covers all areas of industrial technology, and is designed to prepare people to be Process Operating Technicians in any of the process industries, with particular emphasis on those industries active here in Alaska.

### CHANGES

NEW contact person for the  
Continuing Technical Education Classes

Ralph Cheek

phone: (907) 274-9454

RalphCheek@att.net

NEW Dates are Thursday, February 26, March 11, & March 25



[www.alaska.net/](http://www.alaska.net/)

**Officers  
Election  
will be in  
April 2004**

### **2003 - 2004 Officers**

**President: Bill Schneider, P.E.**  
Senior Electrical Engineer  
AMC Engineers  
Phone: (907) 257-9100  
[bill@pobox.alaska.net](mailto:bill@pobox.alaska.net)



**Secretary: Ernie Dummann**  
du Alaska Incorporated  
Anchorage, AK 99518  
Phone (907) 522-3004  
[www.dualaska.com](http://www.dualaska.com)



Favorite charity [www.mpssociety.org](http://www.mpssociety.org)

**Treasurer: Gary Tenneson**  
Arctic Technology Inc  
12215 Mt Ash Dr  
Eagle River, AK 99577-7917  
Phone (907) 242-7113

### **Board Members:**

**Matt Scully** Past President  
**Dan Conrad**  
**John Lau**  
**Mike Schader** Webmaster  
**Jim Steward**  
**Walter Viereck** Tradeshow Chairman  
**Allen Houtz**  
**Jerry Stewart** Program Chairman 277-7555  
**Lynn Roberts**  
**Harry Cellos**  
**Bart Roberts**

***Members, you are encouraged to participate by attending our general membership meetings and stepping up to the plate and giving presentations.***

***We all gain by sharing our professional experiences with each other.***



**ISA - The Instrumentation, Systems, And Automation Society**  
**ISA Alaska Section**



P.O. Box 203102  
 Anchorage, Alaska 99520-3102

February 9, 2004

Treasurer's Report for 2003

Was asked to write a few words on the financial health of our ISA Alaska Section. First I must mention we are incorporated as a non-profit corporation with the State of Alaska.

Our balance sheet for the past two years looks as follows:

12/31/02

Cash	\$15,610.16
Receivables (From ISA local Show)	\$ 2,771.00
Long Term Investments	<u>\$55,098.54</u>
Total	\$73,479.50

Scholarships Awarded \$ 8,000.00

12/31/03

Cash	\$33,214.69
Long Term Investments	<u>\$39,772.80</u>
Total	\$72,987.49

Scholarships Awarded \$4,000.00

Income for 2003 from all sources \$2,579.06 (ISA Luncheon Meetings, Section Rebates, Dividend and Interest Income). Our expenses, excluding the scholarships awarded, amounted to \$2,813.74 (ISA Luncheon Expenses, News Letters, Liability Insurance for the Section, CPA Tax Preparation).

Our long term investments staged a significant recovery in 2003. A \$20,000.00 bond that this Section held was also redeemed and will hopefully be looking to reinvest this into funds that will allow us continue giving out scholarships at the present level. As is typical for every tax year, the above results are subject to audit. Am still due some paperwork for some of our expenses for 2003, and come typically September – October of 2004, will have the official results from our CPA.

Gary Tenneson  
 ISA Alaska Section Treasurer

**INTERNATIONAL HEADQUARTERS**  
**ISA P.O. BOX 12277 RESEARCH TRIANGLE PARK, NC22709**  
**(919) 549-8288 FAX (919)-549-8288**  
**Instrumentation, Systems and Automation For The Benefit Of Mankind**



Please feel free to give me a call, write me an e-mail, or talk with me at one of our meetings, and tell me what you would like.

## Presidents Message

This month I need to ask the help of the members of our chapter. We are trying to bring continuing education classes to the Anchorage area, but we need your help. We need people to participate. You can participate by taking the classes, helping to publicize the classes and maybe most important of all, persuading your management to support the classes. Ralph Cheek has stepped forward to take over organizing the class and make it happen, but we need you to support us, by helping us bring classes like these to the Anchorage area.

Bill Schneider, P.E.  
(907) 257-9100  
add@pobox.alaska.net

## Special Points of Interest

### **Technical Articles welcome on technologies and new or improved products**

1/2 page long, 1 per month - first come first serve and not twice in a row

Get your information to Caroline at [caroline@pobox.alaska.net](mailto:caroline@pobox.alaska.net) (907) 522-3004

### **2004 Advertising spaces available in Pneusletter**

Business card size	\$100.00 for the year (size 2" x 3 1/2")
1/2 page add	\$300.00 for the year (size 7" x 4 1/2")
1 page add	\$600.00 for the year (size 7" x 9 1/2")

Advertisements will be in black and white.

Please send your advertisement information to du Alaska Inc. If you have any questions call (907)522-3004

Send Check made payable to ISA Alaska Section along with a copy of advertisement to:

du Alaska Incorporated  
Attn: Caroline  
6706 Greenwood Street  
Anchorage, AK 99518

Please email (JPEG, TIFF) your advertisement to [caroline@pobox.alaska.net](mailto:caroline@pobox.alaska.net)

*Total Systems Specialists in Process Control of Flow, Temperature,  
Level, Pressure, Powerhouse Combustion, Gas, and Liquid Analysis*

**ARCTIC TRACE**

Submersible Heat Trace and Wet or Dry Locations

**BS&B SAFETY SYSTEMS**

Rupture Disk, Rupture Pin, Explosion Panels,  
Safety Heads, and Tank Car Disk

**BERTHOLD SYSTEMS, INC.**

Nuclear, Photon and Gamma, non-contacting,  
level and density gauges

**DEHAVAN PROCESS INSTRUMENTATION**

Level controls, Magnetostrictive, ultrasonic  
microwave, capacitance

**DURAMETER PUMP COMPANY INC.**

Metering pumps

**GEA ECOFLEX NORTH AMERICA**

Brazed Plate and Frame Heat Exchangers

**GPE CONTROLS**

Measurement & Controls Systems for the  
Metals/Pipeline Industries

**HASTINGS INSTRUMENTS**

Vacuum Meters and controllers, vacuum sensors,  
gas mass flowmeters, hand vacuum gauges

**HYDROSEAL**

Safety Relief Valves, Check Valves, Strainers

**INTERNATIONAL SENSOR TECH.**

Toxic and Combustible Gas Detection

**ISTEC COMPANY**

BTU Meters, Water Meters, and Oil Meters

**JAMESBURY**

Soft Seated High Performance Ball and Butterfly  
Valves for On/Off, Control and Manual Service

**L & J TECHNOLOGIES**

Bulk liquid storage needs, wall mounted receiver,  
tank gauging & inventory control, tank monitoring  
equipment, liquid level indicators

**MARSH BELLOWFRAM**

Gauges, Thermometers, Needle Valves, Pressure  
Regulators, I/P and P/I, Transducers, and Positioners

**MERIAM INSTRUMENTS**

Precise measurement of flow, pressure And Level  
Test Gauge Calibrators, and Flow Computers

**METRON TECHNOLOGY**

Flowmeters, electromagnetic, variable area, positive displacement,  
Vortex, Turbine, Level and flow switches, and Density Meters

**MICROTEL, INC.**

Automatic Dialing Alarm Monitors, and Surge Suppressors

**NELES AUTOMATION**

Metal-Seated, High Performance Control Valves,  
Globe, Ball, Butterfly, Actuated, and manual

**NORLAB**

Calibration gas and equipment

**OMNITROL**

Liquid Displacement Level Controls

**ROSEMOUNT GAS ANALYSIS**

Process Photometers, Gas Chromatography,  
Oxygen, Gas Analyzers, Hydrocarbon, and  
Continuous Emissions Systems

**ROSEMOUNT COMBUSTION**

Combustion Controls, O<sub>2</sub>, CO, Opacity, Combustion  
Controllers, Boiler Trim Control, Damper Actuators  
and Chart Recorders

**ROSEMOUNT LIQUID UNILOC**

Liquid Analyzers, pH, ORP, Conductivity,  
Resistivity, Dissolved Oxygen, Chlorine,  
Ozone, Turbidity, Sensors

**SHAND & JURIS**

Storage Tank Fittings And Vents, Tank Blanketing  
and Flame Arresters

**SHUBERT & SALZER**

Sliding Gate Valves, Control, On-Off, Pinch Valves,  
and Disc Valves

**TESTO INSTRUMENTS**

Portable measurement instrumentation for emission,  
combustion, pressure, temperature, pH and conductivity

**THERM-OMEGA-TECH, INC**

Self contained valves for temperature control,  
freeze protection, steam tracing and energy conservation

**THERMO-COUPLE PRODUCTS CO.**

Thermocouples, sensors, RTD's, wire, thermistors,  
and instrumentation and controls

**THERMO WESTRONICS**

Data Acquisition and Recording Instrumentation

**UNITED FILTRATION SYSTEMS, INC.**

Headline filters, sample process filters, air and Gas filters,  
high pressure gas filters, filter elements, filter regulators,  
and inlet filters

**WINTER'S THERMOGAUGES**

Gauges, Thermometers, Temperature & Pressure Instruments

# Swagelok®

- ✍ Tube & Pipe Fittings 1/16" thru 2"
- ✍ Stainless Steel, Brass, Teflon and Alloys
- ✍ Tubing - Stainless & Copper
- ✍ Thread Lubricants/Sealants
- ✍ Hose - Stainless, PFA, Thermoplastic
- ✍ Valves - Ball, Relief, Check, Purge, Manifold, Needle, Metering
- ✍ Stainless Gauges – Vacuum to 15,000#
- ✍ Pre-Insulated Tube
- ✍ Regulators
- ✍ Monoflanges, Double Block & Bleed Valves



## Alaska Valve & Fitting Co.

Anchorage, Alaska  
Ph (907) 563-5630 Fax (907) 563-4721  
AVF@alaska.net  
Veteran Owned/Serving Alaska since 1965

**March 2005**

**ISA Trade Show**

### **Committee Volunteers needed**

- Booth Sales
- Show Promotion
- Liaison to other Professional Organizations
- Creative Talent to come up with new ideas on how to make the show better
- Vendor challenge coordinator
- Short Course Program person
- Technical Presentation Coordinator
- Directory - Do we need a new one?
- Assistant Chairman
- Web Master

**Please contact:**  
**Walter Viereck, Chairman**  
907-243-3822  
Walter.Viereck@pcepacific.com

## Coming Events

### **GREAT NEWS for CONTINUING TECHNICAL EDUCATION**

Your local ISA Section is about to bring ISA training opportunities to you at a great price. ISA national has a variety of pre-recorded and live Web Seminars available. (Check out their website at [www.isa.org](http://www.isa.org) ) These typically range in duration from 45 to 90 minutes.

The February 11th class has been postponed to February 26th.

**Beginning on February 26, we will be starting the lunchtime classes featuring the web seminars.** We will offer these classes at a “break even” cost currently estimated to be \$20 per person, including lunch, for the pre-recorded seminars. Live seminars will be offered later at a slightly higher cost. **Alaska Anvil has agreed to let us use their conference / training facility for these courses. Seats will be limited to about 15, so advance registration will be required.**

**CONTACT PERSON: RALPH CHEEK  
(907) 274-9454  
RalphCheek@att.net**

Our plan is to offer the three part series on Safety Instrumented Systems first. We plan to run the three sessions over about a four week period, one session every two weeks. Lunch will be included.

The first three classes are scheduled for: Thursdays

February 26 - March 11 - March 25

Keep your eye on the ISA Pnewsletter for more information.

March 18, 2004  
General Membership meeting  
Joel Krueger of BP  
Fire alarm system project at BP and implications of the new fire code.

**The Instrumentation, Systems, and Automation  
Society  
Alaska Section**  
P.O. Box 203102

**ARCTIC PNEUSLETTER**


ISA building bridges of  
communication, through  
understanding and knowledge.



[www.alaska.net/](http://www.alaska.net/)

# February 2004

**Sun      Mon      Tue      Wed      Thu      Fri      Sat**

1	2	3	4	5	6	7
8	9	10	11	12	13	14 
15	16 Presidents Day	17	18	19 General Membership meeting	20	21
22	23	24	25	26 Technical Training Class	27	28
29						