

READ-OUT

BATON ROUGE SECTION

**ISA—The Instrumentation, Systems,
and Automation Society**



Advances in Water Treatment Analyzer Technology

By: Rodney LeBlanc, HACH Company

Thursday, January 20th, 2005

11:30 - 12:30 pm

Holiday Inn, Gonzales <<< Location Change!

**Cost: \$12 if you RSVP by Noon Monday Jan
17th or \$15 at the door**

**RSVP To: isareservations@hotmail.com
or (225) 201-6480**

READ-OUT
January, 2005
VOLUME 19
NUMBER 5

IN THIS ISSUE...
Society & Section Information, Board listing,
Announcements, Calendar of Events

President's Corner

I would like to wish you all a Happy New Year! I hope that you had a very relaxing and fun-filled holiday. As we start this new year and reflect on new resolutions, I would like to encourage us all to re-commit and focus on safety. Safety is something that we can all impact. The choices we make at work effect our industry and loved ones. We can each make a difference by taking accountability for safety in our work areas. We can all work towards NO HARM TO PEOPLE at work and at home.

Our first meeting will be held on Thursday, January 20 at the Holiday Inn in Gonzales. Note the change in location. Our speaker will be Rodney Leblanc with the Hach Company. The topic will be "Advances in Water Treatment Analyzer Technology." Rodney will focus on some of the new technologies and will introduce digital communications platforms in water treatment analyzers. We look forward to seeing you there! Also, note the first Certified Automation Professionals (CAPs) and Certified Industrial Maintenance Mechanics (CIMMs). Several of the newly certified CIMMs are from Louisiana. Also, note the announcement of \$25,000 to be given away as scholarships. Info on how undergraduate and graduate students can apply is listed. The deadline for application is February 15.

We would like to hold a Golf Tournament later this year. If you are interested in this event or would like to help coordinate, please contact me at Melissa.Dotson@shell.com. We use the proceeds from events like this to sponsor the 4 scholarships that we award annually.

In closing, I hope this year is off to a great start. Let's remember those that are devastated by the recent tsunamis in our thoughts and prayers.

Sincerely,
Melissa Dotson

ALPHA
PROCESS SALES, INC.
Serving Industry for 50 Years
Baton Rouge, Lake Charles, New Orleans & Shreveport
Phone 800.864.9066 * Fax 225.751.8954
www.alphaprocesssales.com

• Foxboro • GO Regulators • Mikron • Thermo Orion
• ENRAF • Headline Filters • Noshok • Texas Sampling
• Midwest • GESTRA • Herion • King Instruments
• Alltemp • Fluoroware • Hydroseal • Parker / Skinner

ANDON (225) 756-5200
SPECIALTIES INC Fax: (225) 756-5282
12135 Industriplex Blvd. • Baton Rouge, LA 70809

AWC Sales and Corporate Offices LA WATTS
800/364-0292

AWC
INCORPORATED

FAX (225) 755-6723 6655 Exchequer Drive
Sales (225) 752-1100 Baton Rouge LA 70809

BBP Sales, Inc.

Louisiana
Mississippi*Arkansas

QUALITY INSTRUMENTATION
FOR INDUSTRY

Phone (225)751-4142
(800)299-4142
FAX (225)751-4136
www.bbpsalca.com

Carter Chambers LLC
Specialty Valves and Instrumentation

MARK H. CRAIG
Instrumentation Product Manager

6800 S. Choctaw Drive Phone (225) 926-2123
Baton Rouge, LA 70806-1383 Fax (225) 926-8111
mhcraig@carterchambers.com Cell (225) 921-3358

CHEMPLEX CONTROLS
6105 HOLLYFIELD
BATON ROUGE, LA 70809 (225) 755-3612

PermaCal Gauges - Tough as Nails! • Conoflow Seals
Unomat Smart Calibrators for: RTD TC Hz mA/Loop
Crystal Engineering Transmitter & Loop Calibrators
EATON/Consolidated Controls Digital Pressure Standards
P-101/102 Test Pumps • Pelican Carry Cases
Fluke • Exttech • Digital Multimeters and Thermometers



(225) 755-3612

CHROMALOX®
PRECISION HEAT AND CONTROL

Ross & Pethtel, Inc.
POST OFFICE BOX 15223 • BATON ROUGE, LA 70895

BATON ROUGE (225) 273-2202
BATON ROUGE FAX (225) 273-2297
JACKSON, MS (601) 922-8487
www.rosspethtel@yahoo.com

BATON ROUGE, LA 225/291-1314
LAFAYETTE, LA 337/269-1162
LAKE CHARLES, LA 337/433-9710

Coastal Engineering
Equipment Sales, LLC

BOX 23526
ELMWOOD, LA. 70183
(504) 733-8511
FAX (504) 733-8516

W. E. "Gene" Cook
Instrument Consultant

13434 Jefferson Hwy., Baton Rouge, LA 70817 (225) 752-CSCI (2724)
E-Mail: gene@controlsystemsconsultants.com 1-877-999-2724 (Toll-free)
Website: www.controlsystemsconsultants.com (225) 752-0977 (Fax)



Control Valve Specialists, Inc.
MANUFACTURERS - FABRICATORS
COMPLETE VALVE SERVICES

HOUMA 1865 LOWER BAYOU BLUE RD.
(985) 86-VALVE P.O. BOX 10014, STA. 1
Fax (985) 868-2616 HOUMA, LA 70363-5990
BATOROUGE 4302 SCENIC HWY.
(225) 357-4730 BATON ROUGE, LA 70805
Fax (225) 357-6543

24 HOUR SERVICE
1-800-321-0536

BOB C. MOATE
PRESIDENT

PAGER:(985) 850-8400

CURRIER & ROSER, INC.

Industry's Source for Quality Instrumentation
26 Commerce Court, Suite 200
New Orleans, Louisiana 70123
1-800-229-1147
FAX (504) 734-9201



Systems, Inc. RES. (225) 261-0396

ELECTRONIC
PNEUMATIC

INSTRUMENT REPAIR SERVICES
CALIBRATION & CERTIFICATION
TRACEABLE TO N.I.S.T.

TIMMY BIHM

Office (225) 273-2770
FAX (225) 273-3407

11411-B Darryl Drive
Baton Rouge, LA 70815



DEL RIO, INC.

ROGER del RIO
(225) 756-7092
FAX: (225) 756-7099
www.delrioinc.com

- A+ Corporation
- Accutech
- ASI Instruments, Inc.
- Druck
- ERDCC Engineering
- Hex Valve
- Jordan Valve
- Norman Filters
- McDaniel Gauges
- Tescom

Box 869
BATON ROUGE, LA 70821-0869

DESSELLE-MAGGARD



CORPORATION

P.O. Drawer 86630
Baton Rouge, LA 70879-6630
FAX 225-751-5545

Baton Rouge: 225-753-3290
WATS: 1-800-258-7373
After Hours: 225-921-8442



Micro Motion

ROSEMOUNT

Baton Rouge Sales:
17630 Perkins Road, East Suite
Baton Rouge, LA 70810
Phone: (225) 756-7050
Fax: (225) 756-7014

Gonzales Service Center:
12123 Levee Freeway
Gonzales, LA 70737
Phone: (225) 644-3409
Fax: (225) 644-6685



Automated Valves

Sales & Service of Valtek Products
24 Hour Repair of ALL Types of
Control Valves.

PHONE 225-751-9880 FAX 225-755-0728

Announcements:

I would encourage all our members to check their information at ISA. This information is critical to the Baton Rouge section as the mailing address and e-mail address listed with ISA national is our only means to contact you. If/when last minute changes occur, our only real means to contact everyone is via e-mail and over 25% of our members either don't have an e-mail listed or the address is invalid. The information you list is only used by ISA National and your local section for ISA business. We do not sell or share this information with anyone.

To check and update your information, goto www.isa.org and click on the My ISA tab at the top, select My Membership then select Update My Record on the left hand side menu.

Updating your record will ensure you get the latest information from the Baton Rouge section. Only you can make changes so please take a few minutes to check everything.

Professional Development Hours:

Continuing Education Requirements for Registered Professional Engineers

As of January 1, 1999, the State of Louisiana began requiring Licensed Professional Engineers to participate in a continuing education process as a condition for registration renewal. During each biennial registration renewal period, every engineer registrant, including those registered in two or more disciplines, is required to obtain 30 Professional Development Hours (PDH's) in engineering related activities. The local section can help. Many of our section meetings qualify toward this requirement.



GE Panametrics

Wally Parker
Senior Technical Sales
Panametrics, Inc.
GE Panametrics Southwest Sales Office
2142 O'Neal Lane, PMB 326, Baton Rouge, LA 70816
225 274-9889, 800 388-2086 Ext. 213
Fax: 225 274-9889, Mobile: 225 773-7171
wallace.parker@ps.ge.com



The Groth Equipment Corporation

CONTINENTAL DISC CORPORATION
UD CERTIFIED RUPTURE DISCS
DET-TRONICS FIRE & GAS DETECTOR
FARRIS SAFETY & RELIEF VALVES
GROTH PRESSURE/VACUUM

GROTH EQUIPMENT CORPORATION OF LA

Hwy. 73 & LA Hwy. 429
P.O. Box 117
Geismar, Louisiana 70734

Phone: (225) 673-6132
1 (800) 259-1456
Fax: (225) 673-8792

January 2005

Sample Certification Questions

FLEXICON
INC.

11800 INDUSTRIPLEX BLVD.
SUITE 2
BATON ROUGE, LA 70809
OFFICE: (225) 752-9960
800-235-9576
FAX: (225) 752-9962
E-MAIL: flexicon@eate1.net

THOMAS R. GRIFFIN
President

A WOMAN-OWNED ENTERPRISE

WIRE:
Instrument 300/600V
Thermocouple Ext
Power & Control
TUBING:
Single Line/ Multi-Tube
Pre-Insulated Single Line
Steam-Electric Traced Bundles
Electric Heaters
High Purity Flow Regulators
Instrument Stands
Insulated Instrument Jackets
Dia-Vac Sampling Pumps
RTM Enclosures
Cable/Tube Trays
Screwless Wire Terminations
Instrument Enclosures, Cabinets

MFG'S AGENT & STOCKING DISTRIBUTOR



Since 1959
HAHN SALES/ENSTOCKO, INC.

Instrumentation Specialists
6936 Renoir Ave. Baton Rouge, LA 70806
Phone (504) 926-9310 FAX (504) 924-6293

INSCO L.L.P.

T. W. (Tim) Alford

2718 Ruby Avenue
Gonzales, LA 70737
PH (225) 644-1331
FAX (225) 647-1332

Baton Rouge Office
Home (225) 930-0081
Toll Free (888) INSCO-12
e-mail: INSCOLLP@eate1.net

Office: (225) 293-1506 9542 Brookline
Avenue Avenue
(800) 554-3130 Baton Rouge, LA
70809
Fax: (225) 926-1232

**INTEK CORPORATION ~
SOUTH**

JM TEST SYSTEMS, INC.
CALIBRATION LAB. DIVISION
7323 Tom Drive, Baton Rouge, LA 70806
1600 Waterburg Way, Alexandria, LA 71303
1801 N. Lee, Odessa, TX 79761
ISO 17025 ISO 9002

SALES * REPAIR * CALIBRATION * CERTIFICATION
PRECISION MEASUREMENT & TEST EQUIPMENT
ASHCROFT * AMETEK * MARTEL * THERMOPROBE * RAE SYSTEMS
CHANDLER ENGINEERING * HART SCIENTIFIC * ALL-TEST PRO

Office: 225-925-2029 Website: www.jmtestsystems.com
Fax: 225-927-0036 E-mail: sales@jmtest.com

KROHNE

Harold Keegan
Sales Representative

KROHNE, INC.
1224 Carter Avenue
Baton Rouge, LA 70806
Tel: 225-952-9225
Fax: 877-451-6068
Cell: 225-907-4656

E-mail: keegan@KROHNE.com
Website: http://www.KROHNE.com

**M-TEC
RISE**

VALVES & INSTRUMENTATION
SINCE 1966

PH: 225-673-8822 FAX: 225-673-2626
www.mtecrise.com



Office (225) 293-5540
Wats (800) 321-9467
Fax (985) 649-3601

MID-SOUTH SALES Co, Inc.
INSTRUMENTS, CONTROLS & SYSTEMS

John Welch
Sales Engineer
johnw@midsouthsalesco.com

11748 S. Harrells Ferry Rd.
Baton Rouge, LA 70816

**MOODY
PRICE**

Corporate Office
9015 Bluebonnet Blvd.
Baton Rouge, LA 70810
225.767.7755 Phone
225.763.6005 Fax

Sales Warehouse
18258 Petroleum Drive
Baton Rouge, LA 70809
225.751.7001 Phone
225.751.3001 Fax

Certified Automation Professional (CAP Domain I — Feasibility Study)
MOST initial project budgetary cost estimates have an acceptable margin of error of plus or minus:

- A. 10%
- B. 30%
- C. 50%
- D. 70%

Answer: **B. 30%**

It's commonly accepted to have a preliminary estimate with a margin of error of plus or minus 30%. A more detailed estimate is done before the bid is presented to reduce the margin of error to 10%.

Reference: Whitt. *Successful Instrument and Control System Design*. ISA, 2004.

Certified Control Systems Technician (Level I, Domain I — Calibration)
The difference between the indication of the instrument and the actual value of the measured variable is:

- A. the controlled variable
- B. called set point
- C. an error in the measuring instrument
- D. discarded

Answer: **C. An error in the measuring instrument**

The prompt is very nearly the definition of an error signal—the difference between the indication and the ideal value of the measured signal (set point)—and thus seems familiar. Actually we have a bad meter here.

Certified Industrial Maintenance Mechanic (Domain II — Preventive and Predictive maintenance)
Which of the following is an example of a predictive maintenance task?

- A. Changing oil on an hour meter set point
- B. Changing v-belts once a year on a fan drive
- C. Lubricating equipment on a set schedule
- D. Monitoring with vibration equipment

Answer: **D. Monitoring with vibration equipment**

Vibration analysis is a form of predictive maintenance. The output curves of analysis assist in determining the condition of loose band wear on the equipment. Changing oil and v-belts and performing lubrication on equipment are preventive maintenance efforts.

Reference: Mobley. *An Introduction to Predictive Maintenance*. Woburn, MA., Butterworth-Heinmann, 2002.

Copyright © ISA, 2004

NICE-THORNTON

(Formerly NICE INSTRUMENT SALES)

BATON ROUGE, LOUISIANA

"WE WANT TO BE INSTRUMENTAL IN YOUR FUTURE"

Fax No. (225) 766-0904 P.O. Box 40888
Nagawide Watts (800) 376-NICE BATON ROUGE, LA 70838
E-Mail Address: nice@niceinstruments.com (225) 766-0822



10985 N. HARRELLS FERRY RD.
BATON ROUGE, LA 70816
(225) 273-1145
FAX (225) 273-1226

INSTRUMENTATION FOR THE MEASUREMENT AND CONTROL OF TEMPERATURE,
PRESSURE, WEIGHT, LEVEL, AND DENSITY OF LIQUIDS, SOLIDS AND GASES



PETRO-CHEM EQUIPMENT CO.

4338 JEFFREY DR. / BATON ROUGE, LA 70816
(225) 292-8400 • FAX (225) 291-1033
1-800-366-8061

www.petrochemequipment.com



PROCESS MEASUREMENTS

& MONITORS, INC.
WWW.PMMINC.COM

Phone: 225/927-9415
Fax: 225/927-1121

INDUSTRIAL
ELECTRONIC
EQUIPMENT

ROBERT POOLE
Sales Engineer

9643 INTERLINE • BATON ROUGE, LOUISIANA 70809

ProSys, Inc.
Process Systems Consultants

11814 Coursey Boulevard, Suite 408
Baton Rouge, Louisiana 70816 USA

Telephone +1-225-291-9591 Email prosys@prosysinc.com
Telefax +1-225-291-9594 Website www.prosysinc.com

**RALPH'S
INDUSTRIAL
ELECTRONIC
SUPPLIES**

1732 PLANK ROAD
BATON ROUGE, LA 70802
PH. (225) 344-3761
PH. (800) 324-3761
FAX (225) 336-4205
CELL (225) 253-0870
http: www.ralphselectronics.com
E-mail: brent@ralphselectronics.us

BRENT BURELETTE
SALES



Dr. Lawrence Beckman
President
lbeckman@safeplexsystems.com

SafePlex Systems, Inc.
5213-B Tacoma
Houston
Texas 77041-7036

Specializing in Systems for
Safety and Critical Control

Tel: 713/963-8410
Fax: 713/963-8428



Servomex
specialist gas analysis solutions

www.servomex.com

525 Julie Rivers Dr., Ste. 185, Sugar Land, TX 77478, Phone: 281-295-5800,
or Tollfree: 1-800-862-0200, Fax: 281-295-5899, Email: info@servomex.com

**APPLICATION DEADLINE APPROACHING FOR ISA CERTIFICATION
EXAMS OFFERED IN MARCH**

4 February 2005 is the application deadline for the 19 March public test offering of the Certified Automation Professional (CAP), Certified Control Systems Technician (CCST), and Certified Industrial Maintenance Mechanic (CIMM). For a complete listing of exam dates and locations, visit http://www.isa.org/Template.cfm?Section=Certification&Template=/Content/ContentGroups/MultiUse/exam_schedule.htm

ISA EDUCATIONAL FOUNDATION SCHOLARSHIPS FOR 2005

ISA will award more than \$25,000 in educational scholarships next year to graduate and undergraduate college students studying instrumentation, systems, or automation. The ISA Educational Foundation awards scholarships annually to outstanding students in our field who have a 3.0 GPA or higher (on a 4 point scale). If you know of students who qualify, have them download the application through http://www.isa.org/Content/NavigationMenu/Educators_and_Students/Scholarships/Scholarships.htm, or contact Michaela Johnson-Tena, Member Services Section Division Coordinator at (919) 990-9400 or mtena@isa.org. But, do it soon - applications are due by 15 February 2005!

ANNOUNCING THE FIRST CAPs AND CIMMs

Congratulations to ISA's newly certified CAPs and CIMMs. These two certification programs, developed in 2004 with the first exams offered last October, now have an inaugural group of certified professionals.

To search for CAPs in your Section visit http://www.isa.org/Content/NavigationMenu/Professionals_and_Practitioners/Certification/Certified_Automation_Professional/CAP_Search.htm

To search for CIMMs in your Section visit http://www.isa.org/Content/NavigationMenu/Professionals_and_Practitioners/Certification/Certified_Industrial_Maintenance_Mechanic/CIMM_Search.htm

If you would like more information on becoming certified please contact Kristy Becker, CMP, Certification Administrator at kbecker@isa.org or (919) 990-9219.

READ-OUT is the newsletter of ISA Baton Rouge Section and is published 9 times a year. Business card ads by sponsors are \$150 per year, double ads are \$275. If you are interested in an ad, have an announcement, comment, question or suggestion; please contact us. **Deadline for ads, articles, etc. is noon on the last Friday of the month! Please provide the information to the editor by email to william.christopher@shell.com**

NATIONAL ENGINEERS WEEK

SIEMENS

Process analyzers designed for on-line measurement including complete system integration.

Siemens Applied Automation

Mike Blount
Office: 225-756-9518 Cell: 225-235-8541
Email: michael.blount@siemens.com



Baton Rouge

2610 Scenic Highway
Baton Rouge, LA 70805
(225) 355-0396

FAX: (225) 355-1000
USA Toll Free: 1-888-320-9984

Southern
ELECTRONICS SUPPLY

APPOINTMENT VOICE DATA AUDIO VIDEO CCTV



P.O. Box 3706
Baton Rouge, LA 70821
(225) 927-4284/TEL
(225) 295-5995/FAX
(225) 266-6476/CELL
email:tbaskind@techquip.com
http://www.techquip.com

Tom Baskind



THERMON HEAT TRACING SERVICES, INC.

P.O. BOX 87357 • BATON ROUGE, LA 70879
6332 QUIN DRIVE • BATON ROUGE, LA 70817
(225) 755-2200 • Facsimile (225) 755-2231
Email: raymond.doyle@thermon.com

Raymond Doyle

The Heat Tracing Specialists™



**THOMPSON
EQUIPMENT
COMPANY**

Thompson Equipment Company, Inc.
2638 S. Sherwood Forest Blvd.
Suite 215
Baton Rouge, LA 70816
(225) 293-6663 Voice
(225) 293-6673 Fax

www.thompson-equipment.com

INSTRUMENTATION FILTERS

- Membrane
- Sample Process
- Custom
- Headline Filters
- Dryers
- Analyzer
- Exotics
- Liquid
- CNG
- Replacement Elements

www.unitedfiltrationsystems.com

800-311-5561

Large Inventory

Locally Stocked by Andon Specialties
(225) 756-5200



**Van London
Company, Inc.**

Analytical Sensors
pH • Cond • ORP • ISE

6103 GLENMONT • HOUSTON, TEXAS • 77081
713/772-6641 • 800/231-6069 • FAX 713/772-1006



ABB Inc.
Analytical Products

The world's most complete source for high quality
Continuous Gas Analyzers, Gas Chromatographs,
IR/UV Photometers, Mass Spectrometers,
and Physical Property Analyzers.
visit: www.abb.com/analytical

Contact: Bill Johnson bill.wjohnson@us.abb.com
171 Del Orleans Avenue (225) 667-3919 VOICE
Suite A (225) 667-6674 FAX
Denham Springs, LA 70726

National Engineers Week (NEW), a formal coalition of more than 70 engineering, education, and cultural societies, and more than 50 corporations and government agencies, was founded in 1951 by the National Society of Professional Engineers. This group is dedicated to raising public awareness of engineers' contributions to society and increasing understanding and interest among students in engineering and technology careers. Each year NEW reaches thousands of schools, businesses, and community groups across the United States. ISA supports NEW as a Contributing Society. Sections are encouraged to get involved locally, as some have been doing for years, and make a difference in your community. Information about the varied programs, and materials to support them, are available at www.eweek.org or by calling (703) 684-2852.

THE NOMINATING CHAIR IS SOLICITING OFFICER NOMINATIONS

The ISA Nominating Committee is seeking candidates for open Society leadership positions. I urge you to submit the names of capable and qualified individuals for the following positions:

- President-elect Secretary
- Vice President-elect, Image & Membership Department
- Vice President-elect, Industries & Sciences Department
- Vice President-elect, Professional Development Department
- Vice President-elect, Strategic Planning Department

The nomination process is very simple - just submit a candidate qualification form. Nominations must be submitted no later than 31 January 2005.

The Society Nominating Committee appreciates your support of this very important activity and we look forward to receiving your recommendations. Go to <http://www.isa.org/officernominations>, to view the form and descriptions of the positions.

ISA SENIOR MEMBERSHIP

The Senior Member Grade is ISA's way of recognizing your advanced educational preparation and professional work experience. It is the prerequisite member grade for nomination to "ISA Fellow," one of ISA's highest honors, and for holding elective office at the Society level.

Who qualifies for ISA Senior Grade? If you have 10 years of active work experience in the instrumentation, systems, and automation field (two of which have been in a position of responsible charge), then you may apply for Senior Grade. You can qualify based on a combination of education and experience, also. An undergraduate degree counts as four years toward the ten required. A Masters degree counts as one year, and a Doctorate as two years. The requirement of two years in a position of responsible charge remains. Responsible charge includes directing others in Instrumentation, Systems, and Automation work, and/or individual responsibility for Instrumentation, Systems, and Automation development, application or operation at a professional level, and/or teaching Instrumentation, Systems, and Automation or associated engineering and sciences at a professional level.

If you think you are eligible for consideration and want to apply for Senior Membership, visit us online at :
http://www.isa.org/template.cfm?Section=About_ISA&template=/CustomSource/ISA/seniorfm.cfm

ISA Baton Rouge Section Officers & Chairpersons 2004-2005

President	Melissa Dotson Shell Chemicals	Phone: 225-201-6480 Fax: 225-201-	e-mail: melissa.dotson@shell.com
President-elect & Program Chairman	Ed Legenski DOW Chemical Co.	Phone: 225-353-8813 Fax: 225-353-1952	e-mail: edlegenski@dow.com
Treasurer	Harold Keegan Krohne	Phone: 225-952-9225 Fax: 877-451-6068	e-mail: keegan@krohne.com
Secretary	Jay Jones Ford Bacon & Davis	Phone: 225-297-3551 Fax: 225-293-1517	e-mail: jtjones@fbd.com
Section Delegate	Wallace Parker GE Panametrics	Phone: 225-274-9989 Fax: 225-274-9989	e-mail: wallace.parker@ps.ge.com
President Emeritus & Newsletter Editor	William Christopher Shell Chemicals	Phone: 225-201-6060 Fax: 225-201-6482	e-mail: william.christopher@shell.com
Arrangements & Honors & Awards	Position open. If interested, contact Melissa Dotson		
Webmaster	Al Jolissaint DSM Elastomers, Inc.	Phone: 225-267-3106 Fax: 225-267-3215	e-mail: ajolissaint@cox.net
Membership	Position open. If interested, contact Melissa Dotson		
Student Advisor	Dr. Armando Corripio LSU Chem. Eng. Dept.	Phone: 225-578-3061	e-mail: corripio@che.lsu.edu
Education	Position open. If interested, contact Melissa Dotson		
Standards & Practices	Position open. If interested, contact Melissa Dotson		
ISA Staff Advisor	Bill Palmer ISA Research Triangle	Phone: 919-990-9359	e-mail: wpalmer@isa.org
District 7 Vice President	Joan Bonds	Phone: 225-752-1326 Fax: 225-752-2142	e-mail: jbonds@eatel.net
Baton Rouge Section Web Site	www.isa.org/~bator/		

Upcoming Calendar of Events...

January 20th 11:30am - 12:30pm	Topic: Advances in Water Treatment Analyzer Technology Location: Holiday Inn, Gonzales
January 25-27th, 2005	60th Annual Instrumentation Symposium for the Process Industry See Page 8 for full details....
February 17th 11:30am - 12:30pm	Topic: Methods and Instruments for Detecting Oil in Water Location: Holiday Inn, Gonzales
March 17th 11:30am - 12:30pm	Topic: Simple ESD Valves for SIL 2 and SIL 3 Location: Holiday Inn, Gonzales

60th Annual Instrumentation Symposium for the Process Industries



**January 25-27, 2005
Texas A&M University
College Station, Texas USA**

The Texas A&M University Department of Chemical Engineering is pleased to announce the 60th Annual Instrumentation Symposium for the Process Industries. This three day educational event focuses on new technologies and trends in instrumentation and process control that can improve facility performance in areas such as safety, reliability, maintainability and cost performance. The format includes presentations, workshops, roundtable discussions and exhibits hosted and presented by end user, contractor and supplier leaders in the process industries.

The symposium includes:

- Welcome Session and Keynote Speaker
- Presentations (paper and panel) on topics related to upstream and downstream emerging technologies
- Workshops on Safety Instrumented Systems, Foundation Fieldbus, Best Practices, and more
- Engineering Ethics Roundtable - fulfill PE ethics requirement
- Exhibits
- Social event

Who Should Attend:

- Project Engineers and Managers
- Control System Engineers
- Instrument Engineers and Designers
- Safety Engineers
- Inspectors
- Maintenance & Reliability Technicians and Supervisors

Registration Fees:

	Before Dec. 3	After Dec. 3
Full Registration:	\$90.00	\$100.00
One Day Registration:	\$65.00	

For Further Information:

For information on registration, exhibits, housing, or symposium program, visit: <http://instrumentation-symposium.tamu.edu> or contact the Symposium Coordinator, Mary Cass at: mary-cass@tamu.edu, 979-458-1863, Fax 979-458-0422.

Texas
A&M
UNIVERSITY