



**BATON ROUGE
SECTION**

**May
Newsletter 2008**

DINNER MEETING

“Ethics in Engineering”

By: Armando Corripio

May 15, 2008

Time: 5:30 pm—8:00 pm

Location:

Ralph and Kacoo’s

6110 Bluebonnet Blvd

Baton Rouge, LA 70809



President's Message

Greetings Members

I would like to begin this message by expressing my thanks to all our board members for their exceptional making the One Day Safety Relief Seminar a splendid success. Special thanks to ASME, AICHE, and ISA NEW ORLEANS sections for their efforts in publicizing this event. We had a great turnout & food catered through Voodoo Barbeque was simply delicious.

Also, I would like to thank the membership for continued support of our Section's activities. Our Section is composed of over 262 members and growing. Attendance has consistently been up for the past month's meeting. This month we are looking forward to the same.

The Baton Rouge Section will be presenting \$700 scholarships to students from LSU, Southern University, ITI and BRCC. We are also looking forward to election of officers for year 2008-2009 and our meeting's topic will be "**Annual Ethics Presentation**" by **Dr. Armando Corripio on May 15th 2008**. Venue has been selected at the Louisiana's BEST SEAFOOD RESTAURANT, Ralphs & Kaccos on 6110 Bluebonnet Blvd, Baton Rouge. For reservations, please email isareservations@hotmail.com.

I hope that you feel ownership in our section. As your section leader I look forward to seeing our section fulfill the vision and mission of our National Organization. Please feel free to contact me if you have any suggestions or feedback at aparna.subramanian@exxonmobil.com. If you are interested in programming through the section you can contact incoming Vice-President, Murtaza Gandhi at murtaza.gandhi@Jacobs.com. It is one of our goals this year to send out a regular newsletter to improve our communication amongst the membership of the section. It takes time and effort to put everything together. Hence if you had any suggestions on further improvement, please email Crystal Barzare at crystal.barzare@Jacobs.com.

Please let us know if you would be interested in becoming a board member or helping out the section as a chair. Several positions are needed such as Education Chair, Standard & Practices & etc.

Aparna Subramanian
President – ISA Baton Rouge Section
2007- 2008

Armando Benito Corripio: Dr. Corripio teaches undergraduate courses on automatic process control, unit operations, and plant design. He also teaches graduate courses on advanced process control and computer control techniques, and a special topics course on batch process design, scheduling, and control. His main research interests are in the application of computers for designing, controlling, and operating chemical processes. These interests fall into the broad areas of automatic process control theory, computer integrated manufacturing (CIM) and computer-aided process design (CAPD).

Upcoming ISA Events...

May 15th (Dinner Meeting)

“Ethics in Engineering” & Scholarship Banquet

Ralph and Kacoo’s, Baton Rouge

Pricing with RSVP: \$20 person

Tickets at Door: \$25 person

RSVP: By Noon May 12th to isareservations@hotmail.com

ATTENTION MEMBERS!

Please see our new website

<http://www.isa.org/~bator/index.html>

Menu of Entrees: (All w/ Sensation Salad)

Fried Catfish - served w/ French Fries

Tilapia Atchafalaya - Grilled & topped w/ Etouffee, served w/ Cajun Stuffed Potato

Chicken Lafitte - Charbroiled breast of chicken smothered w/ bell pepper, onions, mushrooms, fresh tomatoes and R&K's homemade Lafitte Sauce, served w/ Cajun stuffed potato

Beef & Shrimp Kabob - 3 skewers loaded w/ Certified Angus Beef tips, shrimp, red onions, and green bell pepper over steamed rice, served w/ Cajun stuffed potato

Seafood Stuffed Bell Pepper - broiled bell pepper stuffed w/ shrimp and crabmeat dressing, served w/ Cajun stuffed potato

May 18th

ISA100 Wireless Solutions Summit

Wyndham Cleveland At Playhouse Square

Cleveland, OH US

May 31st

2008 ISA Spring Leaders Meeting

Marriott West Palm Beach

West Palm Beach, FL US

June 19th (Dinner Meeting)

Presentation to be Announced, Ralph and Kacoo’s

June 20th

2008 District 3 & 7 Leadership Conference

South Shore Harbour Resort and Conference Center

League City, TX US

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Change is constant

As market trends change, packaging pros and their suppliers are forced to become more agile and responsive to customer needs. This Automation in Packaging Benchmark Study quantifies the trends, needs and opportunities for all.

-- Control Engineering, 4/1/2008

Many people might argue that packaging is not an industry in and of itself. Indeed, packaging is a function of virtually all businesses selling non-commodity physical products. One thing is sure: With an economic value of nearly \$133 billion annually in the U.S., and a growth rate of 4% to 5% each year, packaging is big business. *Control Engineering* and *Packaging Digest* set to investigate this dynamic market. The Packaging Automation Benchmark Study, a three-part, year-long research project conducted by Reed Research Group, is designed to deliver a comprehensive view of the state of packaging automation. The study reveals the technology, market and business issues affecting packagers, machine builders, and system integrators.

This special packaging automation supplement represents the first of a comprehensive, three-part research project exploring the trends, needs and opportunities across a broad spectrum of packaging-related markets. Here in Volume 1, research results focus on the packagers themselves – who they are, how they do and do not automate, and what obstacles and opportunities they face today and in the future. Volume Two of the Packaging Automation Benchmark Study will focus on packaging machine builders and the state of the market from their standpoint. Survey outreach will begin in late spring 2008 and results will be published in August 2008.

Volume Three will focus on the system integrator community, providing insight into how their interaction with both packagers and machine builders is driving innovation. A key focal point for that study is a view of technology adoption and strategic use of data acquisition. Survey outreach will begin in late fall 2008, with results published in December 2008.

Research Methodology

Data for the *Packaging Digest* and *Control Engineering* 2008 Packaging Automation Benchmark Study was gathered over a two-week period starting at the end of January 2008. Respondents came from the subscriber base of the following publications' print magazines and E-newsletters:

- *Packaging Digest*
- *Control Engineering*
- *Plant Engineering*
- *Converting*

E-mail invitations were sent to the subscribers inviting them to complete a Web-based questionnaire. Over 2,700 industry members responded to the invitation, with 644 meeting our qualifications on the basis of buy/specify/purchase authority for automation equipment in use at their facilities, as well as their company's role in packaging (e.g., brand-owner packager, contract packager, and converter.) Individual results are kept confidential.



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ONE DAY SAFETY RELIEF VALVE SEMINAR



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 towards this requirements.*

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Big brake: Brake motors save energy

-- Control Engineering, 4/24/2008

Fort Smith, AR — [Baldor Electric Company](#), a manufacturer of energy-saving industrial electric motors, drives, power transmission products and generators, announces three phase short series brake motors ready for immediate delivery from stock.

The company says Short Series Brake Motors (SSB) feature an integral Dodge spring set brake for a compact and cost effective design. The dc brake is magnetically released with a built-in single phase rectifier and has a manual release lever. Brake leads are brought to the motor conduit box for connecting to the motor leads or connecting separately when used with an inverter.

Available for 230/460 and 575 V operation in NEMA sizes 56C through 184C and in 1/2 through 5 horsepower, the company says the brake motors are UL/CSA recognized and CE certified; 56-140 frames have low profile F3 top-mounted conduit boxes and are inverter ready. SSB brake motors can be universally mounted and are inverter ready. 143-145TY and 143-145TYC frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. The company's short series brake motors feature a two-year warranty.

The company says typical applications include unit and baggage handling, conveyors, packaging equipment, machine tools, hoists, and door operators. It offers a wide range of stock brake motors through 30 hp using Dodge D-series brakes and Stearns brakes. For more information about Baldor Reliance products or Dodge products, visit www.baldor.com.

Edited by [C.G. Masi](#), senior editor, *Control Engineering* Machine

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AE Solutions specializes in the implementation of process automation systems including execution of the Safety Life Cycle (SLC) as a comprehensive engineering resource for Basic Process Control Systems (BPCS) and critical systems such as Safety Instrumented Systems (SIS), Fire & Gas Systems (FGS), Burner Management Systems (BMS) and has immediate openings for:

PROCESS SAFETY SPECIALIST

- Process Safety Specialists with at least 5 years of experience in the analysis, design, configuration, and testing of safety systems per ANSI/ISA 84.01, IEC 61508 and IEC 61511 including field support, implementation and startup assistance. BS Engineering required. PE registration and/or CFSE certification is a plus.

CONTROL SYSTEMS ENGINEER

- Control Systems Engineer with at least 5 years of experience in Basic Process Control Systems (BPCS) specification, design, configuration and testing including field support, implementation and startup assistance. BS Engineering required. PE registration is a plus.

SENIOR DESIGNER

- Control Systems Designer with at least 5 years of experience in design of automation systems including system architecture, control panel, field wiring, instrumentation installation and electrical systems. CAD design proficiency required.

AE Solutions is a fast growing company with a need for automation talent and is willing to train extremely motivated professionals with control system and process safety experience toward becoming a Certified Functional Safety Expert (CFSE). We offer a comprehensive benefit package including: medical, dental, and life insurances; a flexible work schedule, both company sponsored time off and optional purchased time off, and multiple bonus programs.

Positions are currently available in our
Baton Rouge, LA, Greenville, SC, and Anchorage, AK offices.

Visit www.aesolns.com/employment to learn about us, review our open positions and apply online!

AE Solutions is an Equal Opportunity Employer.

READ-OUT

The newsletter of ISA Baton Rouge Section and is published 9 times a year. Business card ads by sponsors are \$200 per year, this would also include website and banner advertisement during monthly presentation. 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 crystal.barzare@jacobs.com**