



Baton Rouge Newsletter

Year 26, Number 2

www.aiche-br.org

October 2, 2015

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The *AICHE Baton Rouge Newsletter* is published monthly, from September to June, by the AICHE Baton Rouge Section, 110 Chemical Engineering, LSU, Baton Rouge, LA 70803. It is distributed free of charge to members of the Baton Rouge Section of the American Institute of Chemical Engineers.

Membership Fee: \$15.00/yr.

October 2015 Meeting...

- Date:** Thursday, October 15th, 2015
- Place:** El Magey Mexican Buffet, 8290 Siegen Ln., Baton Rouge, LA 70810
- Speakers:** Bill Clay, President, Marathon Flow Control
& Michael Christy, Account Manager, Marathon Flow Control
- Topic:** *Apollo Ball Valves*
- Agenda:** 5:30 PM - Social hour as guests arrive and get dinner
6:00 PM – Chapter announcements and presentation begin
7:15 PM – Meeting adjourns
- Cost:** \$15 per AICHE member (\$20 per guest; \$8 per AICHE student member)
- Menu:** A selection of your choices from the Mexican buffet! Eat to your heart's content!

RESERVATIONS

Please make your reservation with chapter secretary, Ryan Schexnaydre, **by 5:00 PM on Tuesday, October 13th, 2015** at valed1980@gmail.com or by calling 337-412-1727.

If you don't, you'll still be welcome at the door, so bring your coworkers too!

Professional Engineering Certification

The subject of this meeting is an acceptable activity for continuing Professional Development as defined by LAPELS and is **approved for one (1) PDH unit**.

The Baton Rouge AICHE chapter is NOT responsible for individual record keeping of PDH credits. Certificates must be obtained at the meeting by the individual.

Other Upcoming 2015 Events / Speakers...

- 10/10:** Super Science Saturday with LSU AICHE at the PMAC
- 11/13:** Fall Seminar at the Holiday Inn (Airline Hwy. location)
- 11/19:** Presentation – Gregory Upton, LSU Center for Energy Studies, at TBD

If you or your colleague(s) would like to give a technical presentation at an upcoming chapter meeting for 2 professional development hours (PDHs), please contact Chapter Chair, Stephen Reilly, at stephen.reilly@prosys.com to schedule a meeting date and time.

October Meeting Abstract...

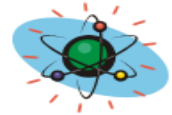
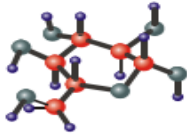
The agenda for an Apollo Ball Valve event is focusing primarily on Apollo ASME Valve Products including a video on Apollo domestic manufacturing and foundry capabilities. Apollo is a major U.S. manufacturer of ball valves, automation, pressure relief valves, level gauges, backflow preventers and more. We will also review standards compliance, CMTR's and test procedures. We will have samples and cut-a ways of different types of valves, and the presentation should be very informative.

Apollo Valve makes severe service and general application ball valves from ¼"-12". The valves are truly domestic and produced in South Carolina where we have 2 foundries and 2 assembly plants. All Apollo domestic valves come with a 5 year warranty.

Super Science Saturday

Saturday, October 10, 2015

10 AM – 3 PM



Location:

**LSU Pete Maravich Assembly Center
Concourse (upper) Level**

<http://www.lsu.edu/science/chemistry/other/Super-Science-Saturday-2015.pdf>

for more information!

October Meeting Company/Speaker Biography...

Marathon Flow Control, Inc. was formed in 1999 as a commissioned Manufacturers Representative Agency whose primary objective is the sales and marketing of those products represented by the Agency. The Agency currently represents manufacturers of valves, actuators, fittings, strainers, gauges and backflow prevention products.

With offices in Dallas and Houston, Texas, the agency's primary geographical area of responsibility is Texas, Oklahoma, Louisiana and Kansas. Marathon is housed in two, 6,000 square foot facilities with a broad range of consigned stock that augments the inventory of some 950 distributors and OEM's.

Marathon has a well-trained, experienced sales staff with state of the art computers, mainframe linking capabilities, high speed internet, e-mail, numerous marketing tools and a website at www.marathonflowcontrol.com that is linked to all represented manufacturers. A total of 13 employees are currently on staff with 4 inside sales personnel and 9 Account Managers.

Bill Clay is President of the company and owner with 35 years valve industry experience in sales and marketing positions with manufacturers and as a Representative.

Marathon has been awarded numerous Sales Achievement Awards along with other commendations from principals represented by the Agency. Currently in a growth mode, Marathon is seeking quality manufacturers interested in serious, professional representation of their products.

September Chapter Meeting Recap...

A broad range of industry professionals, educators, and leaders from different industries converged at Teppanyaki at 5:30 PM on Thursday, September 17, 2015 in Baton Rouge, Louisiana. I issued a brief reminder regarding "Super Science Saturday" and provided more background information regarding the joint venture with LSU AIChE at the PMAC. I also answered several questions before introducing the CEO of ProSys, Inc. - Dustin Beebe.

The topic of the night was "The Business Case for Operations Excellence and Optimization," and Dustin efficiently communicated his major discussion points while clarifying sometimes ambiguous terminology. As the audience finished a fantastic Asian buffet complete with sushi and hibachi, many questions were generated in the process of active listening. By the time the meeting ended a shade past 7:15 PM, the diverse group of people was certainly informed of upcoming events with the chapter and delighted with good humor.

- **Ryan Schexnaydre**, Chapter Secretary



The chapter meeting crowd



Dustin Beebe engaging the audience during his presentation

From the Chapter Chair's Pen...

French author, André Gide, once penned, "Men cannot discover new oceans unless he has the courage to lose sight of the shore." This travel quote struck me as I recently traveled to London to attend the Petroleum Economist Awards and incorporated a little R&R time into the trip. While I unfortunately missed the last chapter meeting because of this, it was great returning to a place I visited three summers ago. This second time around, I got to better explore the city, touring Buckingham Palace, Westminster Abbey, the London Eye, St. Paul's Cathedral, Tower Bridge, the Tower of London, Tate Modern, the Shard, Shakespeare's Globe Theatre, and the British Parliament building. It was a packed four days, but the exhilaration was worth it!

Not all discoveries have to be made abroad though. I look forward to our AIChE chapter partnering up with LSU AIChE again at a booth for Super Science Saturday on October 10th at the PMAC. It's an excellent opportunity for families with kids of all ages to learn about various scientific principles working around them, encouraging them to pursue science-oriented careers, in their futures.

More information can be found at http://www.lsu.edu/science/chemistry/other/super_science_saturday.php at your convenience regarding the event in general. If you would like to volunteer at our AIChE booth, our Education Committee Chair, Donna Bryant, is seeking volunteers for the following four shifts:

- 9:30 AM – 11:00 AM (for set-up and prep time)
- 11:00 AM – 12:30 PM
- 12:30 PM – 2:00 PM
- 2:00 PM – 3:30 PM (for clean-up)

If you're able and willing, e-mail her your preferred time at donna.bryant@syngenta.com today!

Stephen Reilly



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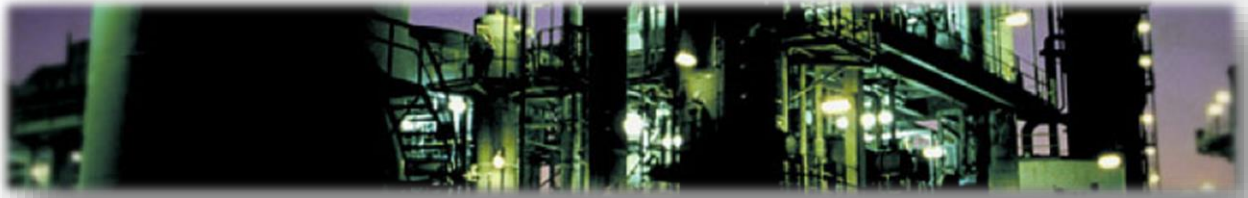
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ADCO Companies, LTD. began in 1963, as a one-man service operation. We have grown today to be the largest boiler company in Alabama and Louisiana, serving businesses throughout our respective territory and throughout the Southeast.



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We're looking for:

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- Engineers who challenge themselves and mentor others
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Process knowledge is your most important asset. Experience with processes in the refining, petrochemical and specialty chemical industry are what we're looking for.

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ProSys is small enough to care, but big enough to make an impact. We assist the industry by optimizing processes, increasing safety and reliability for their plants with our products and services. We do that by hiring the smartest and brightest. Join our team. Recruiting@ProSys.com.

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Maximize your process.

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About ProSys, Inc.

ProSys, Inc. delivers high-quality, cost-effective, innovative Process Control Systems consulting services and product solutions to the international refining, chemical and petrochemical industries. ProSys' expertise and experience cover the full range of modern control system technology, including basic control, advanced control, dynamic configuration, alarm management and optimization.

2015 High School Grant Application to the Baton Rouge Section of



Date:

Name of School:

Address of School:

Chemistry Teacher:

Telephone Number:

FAX number:

E-mail Address:

Amt. of Grant Requested:

Number of Students Benefiting from Grant:

For the following three prompts, you may attach extra pages if needed.

1. Describe the planned use of the grant:

2. Please list specific items to purchase, including the total (tax, shipping & handling) cost of each item:

3. Add any additional comments here:

Please submit the completed application by October 16th, 2015, to:

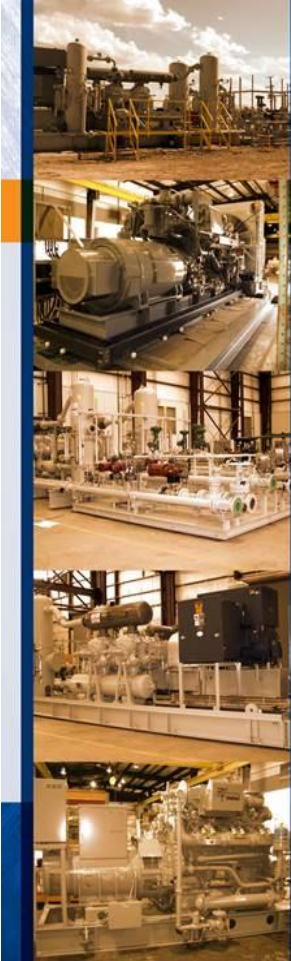
W. Clark Snyder, P.E.

Chairman - AICHE HS Grants Committee

8340 Bastille Street

Denham Springs, LA 70726

wclarksnyder@hotmail.com



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2015 Section Contacts

Officers

Chair: Stephen Reilly, Stephen.Reilly@ProSys.com
Vice Chair: William Buck, William.Buck@Willbros.com
Secretary: Ryan Schexnaydre, valed1980@gmail.com
Treasurer: Oscar Alfaro, Oscar.Alfaro@Jacobs.com

Executive Committee Members

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 Jimmy Orr Jimmy.Orr@Jacobs.com
 Noel Ricord LCNoel55@aol.com
 W. Clark Snyder WClarkSnyder@hotmail.com
 Louis J. Thibodeaux Thibod@LSU.edu

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Education: Donna Bryant, donna.bryant@syngenta.com
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Newsletter: Armando Corripio, Corripio@LSU.edu
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Communications: Brandon Lithgoe, blithgoe@yahoo.com
Professional Development: Randy Goodman, Randy.Goodman@LA.gov
Seminars: Jimmy Orr, Jimmy.Orr@Jacobs.com
Membership: Glenn Bryson, BGBryson@BellSouth.net

Why Should You Join the Local AIChE Chapter?

1. It is a welcoming presence to new chemical engineers in the area.
2. It provides a neutral ground mentorship toward career directions and other life topics.
3. It facilitates a better understanding of local, state, and federal policies related to our professions.
4. It offers a smooth transition for graduating chemical engineers from LSU, ULL, and other nearby universities who start working in the area.

AIChE Baton Rouge Seminar – Fall 2015
Hydrocarbon Recovery, Oil & Gas Separations, Polarex Technology,
Dry Gas Seals, Steam Applications, Engineering Ethics

Friday, November 13, 2015
8:00AM – 4:00PM

Location: Holiday Inn South
9940 Airline Hwy Baton Rouge, Louisiana 70816, (225) 924-7021

Earn 7 PDH's! Enrollment is Limited! Sign-Up Early!

REGISTRATION FORM

NEW! Register online at www.aiche-br.org, or mail this completed form with payment to the address below.

NAME: _____
MAILING ADDRESS: _____
CITY: _____ **STATE:** _____ **ZIP:** _____
COMPANY: _____
EMAIL: _____ **PHONE:** _____
TECHNICAL/PROFESSIONAL SOCIETY MEMBERSHIP*: _____ (must indicate)

COST: \$75/person for Tech/Prof Society Members* prior to 09-Nov-15
(Please check appropriate box) \$95/person for non-Tech/Prof Society Members prior to 09-Nov-15
 \$110/person for all after 09-Nov-15

MAIL COMPLETED REGISTRATION FORM TO:

(Please include check if that is your payment option)

Must be RECEIVED by 09 Nov 15

Walk-ins welcome space permitting.

Oscar.Alfaro@Jacobs.com

Check or cash only, no credit cards on event day

Oscar Alfaro (Treasurer)
1124 W Lakeview Dr.
Baton Rouge, LA 70810
Email:

Phone: (818) 642-8003

*The AIChE supports membership in Professional and Technical Societies (see list below)

Refund Policy: Advance registration is 100% refundable with notice at least 12 days prior to the date of the seminar. Notice received between 01-Nov-15 and 12-Nov-2015 is 50% refundable. No refunds on day of the seminar.
Cancellation: AIChE reserves the right to cancel this seminar if low attendance is projected. A full refund will be sent in this event.

Baton Rouge Section November 13, 2015 Seminar Agenda

7:00 AM – 8:00 AM: REGISTRATION & BREAKFAST

8:00 AM – 8:45 AM: MORNING SESSION

Hydrocarbon Recovery Technology

Ryan Bennett (**Pentair Filtration & Process**)

- Introduction to Hydrocarbon Recovery Technology (HRT)
- Description of the technology and animated video
- Application Review
- Amine Optimization, Sour Water Systems, Quench Water Systems
- Question and Answers

About the presenter:

Ryan Bennett leads the US sales team working with direct accounts primarily in the oil and gas sectors around refining, petrochemical, and gas processing. He originally worked as a chemical process engineer for Weyerhaeuser R&D and as a chemical sales representative for Nalco. Ryan originally joined Pentair in 2007 as a business development representative covering the US West and Rocky Mountain areas. He moved into a regional sales manager position in 2011 and director of sales role in 2014. He lead's the direct account sales team in the US for Pentair. Ryan graduated with a BS degree paper science and engineering from Miami University (OH) and holds an MBA from Arizona State's WP Carey School of business.

8:45 AM – 9:30 AM: MORNING SESSION

Gas Separations in Oil & Gas Industry

Dave Kolstad (**Pentair Oil & Gas**)

- Separation Technologies for LNG Production:
- Inlet Gas Separations prior to Amine Treating (UltiSep)
- Turbine Fuel Gas Conditioning (Apex / Apex+)
- Recently Developed Ultra-Low Temperature Coalescing and Particulate Filters capable of minus 280°F
- Question and Answers

About the presenter:

David Kolstad is the Business Development Manager, Gas Processing for Pentair Oil & Gas Separations. He is a graduate from the Univ. of Minnesota with a BS degree in Mechanical Engineering. Dave's professional career began in 1986 as with Porous Media (since acquired by Pentair). Overall he has more than 25 years of experience in the technical design, sales and marketing of filtration & separation technologies. He has received two patents for products in Pentair's oil conditioning portfolio and a third patent is pending. In 2012 he received the Pentair President's Circle Award for sales in the Filtration & Process GBU. Dave has also presented papers at fourteen technical conferences related to Renewable Energy, Paper, & Power Generation at venues worldwide including India and SE Asia.

9:30 AM – 10:30 AM: MORNING SESSION

Polarex Extractive Separation Technology

Sharon Maydak (**Pentair Filtration & Process**)

- Options for removal of dissolved contaminants
Water Washes, Solvent Scrubbing Towers, Polarex Technology
- Applications for Extractions Technology
Batch Chemical Processes, Recovery of LPG, Caustic Systems
Dissolved Acids, Salts, Acid Gas
- Examples of Current Applications
- Questions / Answers

About the presenter:

Sharon Maydak leads the US sales team in developing and working with large, capital and systems projects. She is a driven business development professional with a large network of contacts within the US energy industry (oil and gas, refining, gas processing and petrochemical). Sharon originally joined Pentair in 2007 as part of Pentair's acquisition of Porous Media Corporation. She was a key business development leader in Pentair's Energy business. She has experience, and exceptional success in sales of a variety of process equipment including valves, flow control devices, steam control technology, filtration, separations technology and systems. Sharon graduated with a degree from Austin College. Sharon is a member of the Gas Processor's Association (GPA) of Houston, Engineering and Construction Contracting Association (ECC), Women Energy Network (WEN). She is also on the Fuels and Petrochemical division of the AIChE board as Communications Manager

10:30 AM – 12:00 PM: MORNING SESSION

Gas Seals for Pumps & Compressors

TBD (**John Crane**)

12:00 PM – 1:00 PM: LUNCH

1:00 PM – 3:00 PM: AFTERNOON SESSION

Steam Applications in the Process Industry

Brian Kimbrough (**Louisiana Steam**)

- Vacuum Tower Eductor Performance
Steam Entrainment, Modulating Valve Eductors
Condenser Fouling and Performance
- Combustion Air Preheaters
API560 Fired Heaters, Draft Issues
Fuel Fired Boilers, MACT Regulations
- Steam Turbine Operation Efficiency
Steam Quality, Piping, Steam vs. Electric
- Questions / Answers

About the presenter:

Brian D. Kimbrough, Strategic Project Manager, Louisiana Steam Equipment Co., New Orleans Former Director of Global Petro-Chemical Markets for Armstrong International, Inc., headquartered in Three Rivers, Michigan. Mr. Kimbrough was affiliated with Armstrong Intl, Inc. for 33 years. He holds a B.S., Mechanical Engineering, Kansas State University, Manhattan, Ks. 30 Year Member of ASHRAE and ASME. Over 30 years of experience in the design and implementation of capital equipment projects in the petrochemical and power plant industries.

3:00 PM – 4:00 PM: AFTERNOON SESSION

LAPELS Enforcement and Disciplinary Procedures

Christopher Knotts, P.E. (LAPELS Board)

- Board and Staff
- Compliance and Enforcement Personnel Activities
- Enforcement/Disciplinary Procedures
- Recent Enforcement Cases
- Common Causes for Disciplinary Actions
- Rule Changes
- Recent PE Exam Statistics
- Question & Answer

About the presenter:

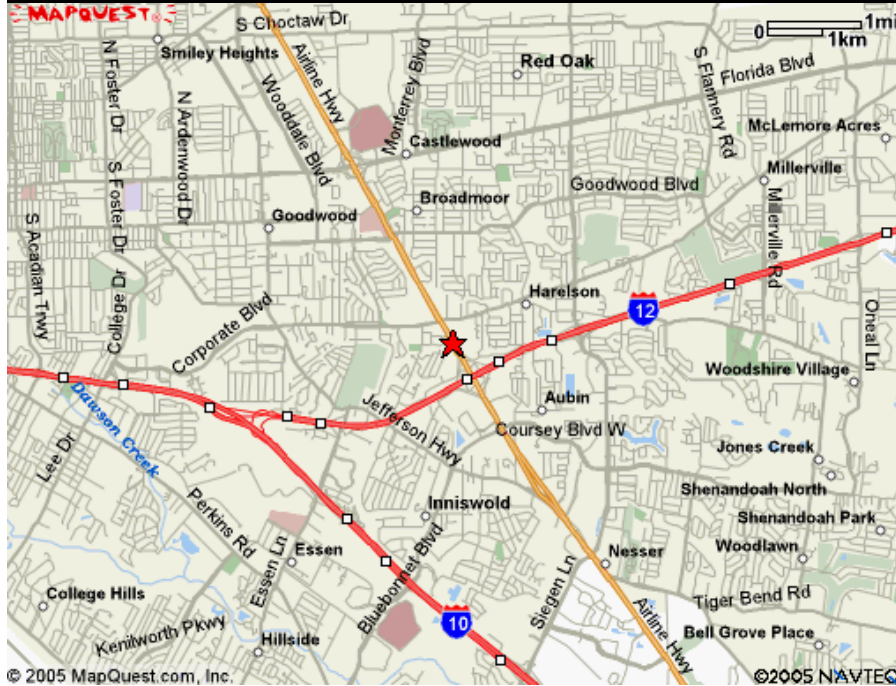
Christopher Knotts, P.E. was appointed to the LAPELS Board by Governor Bobby Jindal in April, 2013. He is currently the Chairman of Liaison & Law, PE Applications, and EI Applications committees. He also serves on the Enforcement and Industrial Licensure committees of LAPELS. Mr. Knotts has 31 years of civil engineering experience, having worked in private consulting and manufacturing prior to joining the State in 1997. While at the State, he has held leadership positions in coastal restoration, technology assessment/energy is currently the Chief of Public Works & Water Resources at DOTD. Chris earned bachelor degrees in Engineering Technology and Civil Engineering from LSU and a masters in Civil Engineering from the University of Texas @ Arlington. Mr. Knotts remains active in both ASCE and the Louisiana Engineering Society, having served as Baton Rouge Branch and Louisiana Section President for ASCE and Baton Rouge Chapter President for LES. He currently serves as a Director on the LES State Board.

Note: Some topics may change without prior notice.

Notice: Full day registration only. Registration fees will not be reduced for half day attendance. Attendance signatures will be required at the beginning of each presentation. PDH (Professional Development Hour) certificates will be issued based upon attendance list signatures, with Hours reflecting actual attendance. Fees will not be reduced or partially refunded for partial attendance.

*****Morning and Afternoon Sessions each to include two or three 10 min. breaks (not shown) *****

(Map to Holiday Inn South (9940 Airline Hwy, Baton Rouge, LA 70816)



Local Professional Societies

- Louisiana Engineering Society (LES)
- Louisiana Society of Professional Surveyors (LSPS)

National Technical Societies

- America Academy of Environmental Engineers (AAEE)
- American Institute of Architects (AIA)
- American Institute of Chemical Engineers (AIChE)
- American Institute of Electrical Engineers (AIEE)
- American Consulting Engineers Council (ACEC)
- American Concrete Institute (ACI)
- American Institute of Steel Construction (AISC)
- American Management Association
- American Iron and Steel Institute
- American Society of Mechanical Engineers (ASME)
- American Plywood Association (APA)
- American Society of Civil Engineers (ASCE)
- American Society of Engineering Education (ASEE)
- American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE)
- American Society of Safety Engineers (ASSE)
- American Wood Council (AWC)
- Earthquake Engineering Research Institute (EERI)
- Institute of Transportation Engineers
- Institute of Electrical and Electronics Engineers (IEEE)
- Instrumentation Systems and Automation Society (ISA)
- National Council of Examiners for Engineering and Surveying
- National Design Specification (NDS)
- National Society of Architectural Engineers
- National Society of Professional Engineers (NSPE)
- Society of Petroleum Engineers (SPE)
- Society of Petroleum Evaluation Engineers (SPEE)
- Society of Professional Well Log Analysts (SPWLA)
- Society of Women Engineers (SWE)
- Air & Waste Management Association (AWMA)