May I Have Your Attention Please!!!

Important Announcement!
Please see below for breaking news

The ISA Birmingham Section did not be meet in June, July or August as we took a brief summer time break. It is now time to get the 2018-2019 section year off and running and our first event is on the horizon.

The first meeting of the 2018-2019 section year will be our annual kick-off event, which will take place on Tuesday, September 11, 2018, at Logan’s Roadhouse on Highway 280. This will be a dutch treat dinner, but new members and visitors will be encouraged to attend and they will have free meals as a membership promotion. This will be an excellent networking meeting and an opportunity to meet all the section leaders as we explore common and plans for the year.

We will begin at 5:30 PM with a social and networking time, followed by dinner at 6:30 PM, and some section information sharing at 7:00
All section members, associate members, students, and guests are invited and encouraged to take part in this annual fun event.

You don’t want to miss this session starting at **5:30 PM on Tuesday, September 11, 2018**, at Logan’s Roadhouse on Highway 280. If you have any questions or clarification is needed, please contact Jim Key at jimkey@southernco.com, or call him at (205) 516-0484.

A Note from the ISA Birmingham Section President:

Welcome to ISA Birmingham Section,

This should be an exciting year. We have several good technical programs, our student section is being re-energized, and there enthusiasm supporting our members to grow into leadership roles, and more.

September 11 is the date for our kickoff meeting. It will be from 5:30 - 7:30pm at Logan’s Roadhouse on Highway 280. 

This year’s message is to ENGAGE. We are always looking to engage all industry sectors. All facilities and plants, from Power (fossil and nuclear), Pulp and Paper, Chemical, Petrochemical, Pharmaceutical, Building HVAC, and Automotive depend on automation. But these stalwarts of industry are changing the way they do business and more and more are leaning on technology solutions, both hardware and software.

So look for opportunities to engage, network, and inform potential members. As we grow, we can all learn from each other by discovery of methods, techniques, and technology. Your solution may be at the next meeting.

Jimmy Key, P.E.

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*ISA Birmingham Leaders 2018 – 2019*

Visit the ISA Birmingham web site: [www.isa.org/birmingham](http://www.isa.org/birmingham)

- President: Jim Key – Southern Company Services (jimkey@southernco.com)
Meet your 2018-2019 ISA Birmingham Leaders:

**Patrick Joseph - Treasurer**

Patrick Joseph is a new officer and leader in the ISA Birmingham Section and a welcome addition to the Executive Committee. He has assumed the important role as the Treasurer for the section and brings a prior experience in that role from another volunteer organization. Patrick is a Lead I&C Design Engineer with Southern Company Services. During his time at Southern Company Services, he has been responsible for leading major projects and retrofits in Alabama, Mississippi, and Florida. The scope of these projects include estimating and
purchasing DCS, HMI, and Instrumentation hardware as well as developing logic and programming.

Patrick started his career in Birmingham at the US Pipe foundry where he worked for 20 years and served as an Engineering manager.

Patrick and his wife Brenda enjoy traveling and spending time at the lake. You can frequently find Patrick on the golf course or racquetball court.

ISA announces appointment of Executive Director Mary Ramsey

Research Triangle Park, North Carolina USA (27 August 2018) - The International Society of Automation (ISA) today announces the appointment of automation industry veteran Mary Ramsey as its new Executive Director.

Ramsey, who has been serving as ISA's Interim Executive Director since January of this year, has more than 25 years of industrial automation experience. She specializes in leadership, change management and strategy development/execution. Prior to serving as ISA's Interim Executive Director, she served as Senior Vice President of Process Automation, Americas Region, at Schneider Electric, where she was responsible for a $550 million profit/loss statement and 1,200 employees. She has also served as Senior Vice President of Industry Business USA and Senior Vice President of Industry Business Europe within Schneider. Prior to joining Schneider Electric, Ramsey held several business development roles within Matrikon International; Instrinsyc; Intellution, Inc.; and GE Fanuc, among others.

"Mary is a dynamic, experienced leader with a deep understanding of automation and the industries we represent," said 2018 ISA President Brian Curtis. "She has proven her ability to think strategically and help the organization align its priorities during her tenure as Interim Executive Director, and we are excited to welcome her on board permanently."

A search committee comprised of nine ISA members and leaders from around the world worked to review dozens of resumes and conduct a series of interviews over the last several months. The committee's work resulted in a recommendation to appoint Ramsey.

"The search committee has dedicated significant time and effort to make this decision. We are confident that Mary's leadership and extensive experience will serve the organization, its members and the automation community well for years to come," said Executive Search Committee Chair Steve Pflantz.
"It’s an honor to serve as ISA’s Executive Director," said Ramsey. "I’m excited to work with staff, members and leaders to bring a fresh perspective to this important organization. ISA is truly unique in its ability to bring the automation community together to solve difficult technical problems and provide leadership on critical issues facing our industries. We have a lot of work to do, and with the help and support of individuals and companies around the world, we will advance ISA’s mission and create a successful future."

Ramsey holds a bachelor of science in electrical engineering (BSEE) degree from the University of Kentucky and a master of business administration (MBA) degree with a specialty in finance and strategy from Loyola University.

Mark Your Calendar:

- **Technical Meeting: Tuesday, October 9, 2018**  
  **Time:** 4:00 PM  
  **Speaker:** Eric Woods – Delphian Corp./Vaughn Associates  
  **Topic:** “Fundamentals of Gas Detection”  
  **Location:** KBR Engineering

- **Technical Meeting: Tuesday, November 13, 2018**  
  **Time:** 4:00 PM  
  **Speaker:** John Cover – A&E Engineering  
  **Topic:** “Experiences with HMI Design”  
  **Location:** W.G. Yates Company

- **Technical Meeting: Tuesday, January 8, 2019**  
  **Time:** 4:00 PM  
  **Speaker:** Paul Gruhn PE, CFSE – aeSolutions – Houston, Texas  
  **Topic:** “The Next Bhopal”  
  **Location:** Revere Control Systems

Anyone with suggestions as to program topics and presentations, should contact Mark Isbell at misbell@wgyates.com, with ideas and suggestions.
SAFETY TOPIC

High Fly Mowing - No Problem!!
Our new philosophy is "we do it right the first time." This will inspire you to higher quality because you'll realize mistakes are not tolerated. Since mistakes are inevitable, wouldn't your philosophy inspire us to avoid completing anything? Well be paralyzed by the fear of mistakes, victims of our own unrealistic philosophy. You might as well have a philosophy that says "we punish anybody who does anything." I value your opinion. Wally, I want you to make some posters that say "we do it right the first time." Wally's paralyzed. Next item, why is employee morale so low?
Which statement best describes the relay logic diagram in the figure below?

a. Trip F.D. fan if furnace pressure goes high and trip I.D. fan if it goes low. Trip fuel if drum level goes low for more than 10 seconds with override switch in the auto position
b. Trip F.D. fan and I.D. fan if furnace pressure goes high or low, and trip fuel if drum level goes low for more than 10 seconds with override switch in the auto position
c. Trip Fuel, I.D. and F.D. fan if furnace pressure goes high or low for more than 10 seconds, or if drum level goes low with override switch in the auto position
d. Trip Fuel, I.D. fan and F.D. fan if furnace pressure goes high or low, or if drum level goes low for more than 10 seconds with override switch in the auto position
e. Sound alarm if furnace pressure goes high or low for more than 10 seconds, or if drum level goes low for more than 10 seconds. Trip if override switch is in the auto position.

Scroll Down for the Correct Answer
High or Low furnace pressure sounds an alarm and trips fuel, I.D. fan and F.D. fan. Low drum level sounds alarm and if low for more than 10 seconds, trips fuel, I.D. fan and F.D. fan

Answer is D