ISA-BIRMINGHAM SECTION 48TH ANNUAL
“FUNDAMENTALS OF INDUSTRIAL AUTOMATION,
INSTRUMENTATION AND CONTROL COURSE”
May 1 - 3, 2018

Course Objective:
Our objective is to teach the following foundational aspects of industrial automation, instrumentation and control:

The course will cover fundamentals of temperature, pressure, flow, and level measurements; process control loops and tuning, with process control exercises. Programmable Logic Controls (PLC), Distributed Control Systems (DCS), Fieldbus Technology, and final control elements will be presented and discussed.

Highly qualified automation, instrumentation and control professionals under the sponsorship and support of the Birmingham Section of ISA provide instruction.

Who Should Attend:
The course is directed towards engineers, technicians, I&C team leaders, sales personnel, and other technical/automation professionals who are responsible for instrumentation and control equipment and systems.

Location:
The program will be held at the offices of Revere Control Systems, 2240 Rocky Ridge Road, Birmingham, AL. Lunch and break refreshments will be provided each day.

Fee:
The cost for this three-day course is $795.00 per person for registrations after March 1, 2018 and includes the course materials, refreshments, and lunch each day. Company group discounts are available – please contact Gerald Wilbanks at (205) 566-9801 for details and information. Early Bird registration before March 1, 2018 is $695 per person. ISA members receive an additional $100 discount from the posted rates.

Cancellation Policy:
Due to commitments to our speakers and facilities, the registration fee is not refundable if a request for cancellation is received after April 16, 2018. Substitutions may be made at any time but we request that you notify us in advance where possible. No-shows will be liable for the entire course fee.

ISA-Birmingham reserves the right to cancel any program due to insufficient registrations. This decision is usually made no later than ten business days prior to the event. If a program is cancelled for any reason, all fees will be refunded. ISA-Birmingham will not be responsible for travel expenses incurred by a registrant as the result of a cancelled program.
**Lodging:**
*There are several nice hotels available within a few miles of the course site. A few of these are listed below:*

- **Candlewood Hotel Suites** *(205) 991-0272*  
  Amerisuites *(205) 995-9242*
- **Drury Inn & Suites** *(205) 967-2450*  
  Holiday Inn Express *(205) 991-9977*
- **Hampton Inn - Colonnade** *(205) 967-0002*  
  Hampton Inn *(205) 967-0002*
- **Baymont Inn & Suites** *(205) 995-9990*

**A Note from Our President:**

ISA was founded in 1945 with one of its many goals being to provide continuing education to the measurement and control community. For the past 47 years, ISA’s Birmingham Section has been responsible for the technical content for *Fundamentals of Industrial Automation, Instrumentation and Control* in fulfillment of this goal. Over the years, this course has continually stayed abreast of advancing technology and application practices - all to provide its participants with a solid foundation in automation, instrumentation and control. We believe you will find this course not only informative, but invaluable as well. We look forward to having you join us for the 48th Annual Course offering.

Frank Flow  
Flexim Corp.  
2017-2018 President  
*ISA-Birmingham Section, Inc.*

**Program Coordinator:**

Gerald Wilbanks, P.E. *(Documentation & Engineering Services LLC)* - Education Chair  
Person  
David Haynes *(KBR)* – Assistant Education Chair Person  
*ISA-Birmingham Section, Inc.*

**Course Instructors:**

- Geoffrey Johnson, P.E.  
  Rockwell Automation  
- Barry Farris  
  PASS Inc.

- Chris Sorensen  
  Southern Company Services  
- David Haynes  
  KBR Engineering

**Professional Development Hours:**

This program counts as 21 professional development hours (PDH) and may be used toward the continuing education requirements adopted by the *Alabama Board of Licensure for Professional Engineers and Land Surveyors.*

For more information and to register, please contact:


**Gerald Wilbanks**, *(205) 566-9801*, **FAX** *(205) 655-7076* or  
**Email:** *gwilbankspe@charter.net*