ISA Birmingham Section Christmas Party

➢ ISA Birmingham Section Christmas Party:
➢ Tuesday, December 10, 2019,
➢ 6:00 PM – 9:00 PM,
➢ Home of John and Heather Cover,
   2104 Fox Valley Circle, Birmingham, AL 35216
Please RSVP to cover.john5@gmail.com by 12/2/19, with what dish you will bring.

2020 Short Course 50th Anniversary

The ISA Birmingham Section is proud to present the 50th Annual “Fundamentals of Industrial Automation, Instrumentation, and Control” training class. This popular and successful event will take place on May 5 – 7, 2020, in the offices of Revere Control Systems in Hoover.

The instructors for the classes will again come from our own area and are experienced control system practitioners with years of background and knowledge. The registration fee before March 1, 2020, is $795.00, with another $100.00 discount available for ISA members. After this date, the fee is a very reasonable $895.00, for a valuable three day course led by industry subject matter experts.
Please use the link below to register for the class and to obtain additional information on logistics, housing, schedule, instructors, etc.

https://www.isa.org/events-conferences/events-calendar/event-details/?productId=66931208 [isa.org]

Brochures, schedules, and additional information may also be obtained by contacting Gerald Wilbanks at gwilbankspe@charter.net or by phone at (205) 566-9801.

Honors and Awards Recipients Named

The ISA Birmingham Section Honors and Awards Committee is proud to announce the recognitions for 2019 and congratulates the recipients. Each year the section may choose a person to receive the accolades in three distinct categories and will do so for this year.

- **Engineer of the Year: John Cover – BBP Sales**
  This award is for achievements in engineering, work accomplishments, and contributions to the community by a section member more than 35 years old.

- **Young Engineer of the Year: Beth Clarkin – Southern Company Services**
  This award is to an engineer less than 35 years old, who is making contributions to the engineering field, participating in community activities, and establishing a base of technical knowledge and background.

- **Distinguished Service Award: Jim Key – Southern Company Services**
  This recognition is reserved for someone who has made a major impact on the success of the ISA Birmingham Section, exhibits good leadership characteristics, and is a model for others to follow. The ISA Birmingham Award is named in honor of Gerney Mitchell, long time ISA Birmingham Section member and leader.
These three awardees will be recognized at the Engineer’s Week Banquet conducted by the Engineering Council of Birmingham (ECOB) on Thursday, February 20, 2020, at the Harbert Center. The H&A recognitions of each of the participating technical societies will be honored at this dinner and a regional winner in each category will be announced.

- **Outstanding Corporate Partner: Southern Company Services**
  Each year the ISA Birmingham Section recognizes a local company which encourages ISA membership, assists employees with officer duties, sets a professional example of cooperation with the society, and is a good local citizen. The official recognition of the three individual award winners and the Outstanding Corporate Partner will take place at the section Honors and Awards Dinner on Tuesday, May 12, 2020, with plaques presented to commemorate the occasion.

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**Mark Your Calendar:**

- **ISA Birmingham Section Christmas Party:** Tuesday, December 10, 2019, 6:00 PM – 9:00 PM, Home of John and Heather Cover, 2104 Fox Valley Circle, Birmingham, AL 35216

- **ISA Birmingham Section Technical Meeting:** Tuesday, January 14, 2020, 4:00 PM, W. G. Yates Company, Topic TBD.

- **Engineering Council of Birmingham Dinner:** February 20, 2020
  Harbert Center – Birmingham, AL

- **50th Annual Short Course:** May 5 – 7, 2020
  Revere Control Systems
  Birmingham, AL
Honors and Awards Dinner: Tuesday, May 12, 2020
Recognition of the award recipients for 2019, presentation of all former ISA Birmingham Section Presidents, and introduction of the officers for 2020 – 2021.

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

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Dilbert Funnies

HOW CAN I TRUST YOUR Estimate WHEN YOU HAVE BEEN WRONG EVERY OTHER TIME?

PRACTICE MAKES PERFECT. UM...

I JUST REALIZED I DON'T KNOW HOW ANYTHING WORKS.

ISA Birmingham Leaders 2019 – 2020
Visit the ISA Birmingham website: [www.isa.org/birmingham](http://www.isa.org/birmingham)

- President: Meg Moore – W.G. Yates Company (mmoore@wgyates.com)
- Vice President: John Cover – BBP (cover.john5@gmail.com)
- Treasurer: Patrick Joseph – Southern Company Services (pjojoseph@southernco.com)
- Secretary: Steven Holland – W.G. Yates Company (sholland@wgyates.com)
- Past President: Jim Key – Southern Company Services (jimkey@southernco.com)
- Section Delegate: John Cover – BBP (cover.john5@gmail.com)
- Program Chair: Mark Isbell – W.G. Yates Company (misbell@wgyates.com)
- Education Chair: Gerald Wilbanks – DES (gwilbankspe@charter.net)
- Membership Chair: Catherine Andrews – Hile of Alabama (candrews@hilealabama.com)
- Honors & Awards Chair: Gerald Wilbanks – DES (gwilbankspe@charter.net)
- Web Master: Jimmie Johnson – Southern Company Services (jimjohns@southernco.com)
  Elizabeth Clarkin – Southern Company Services (epclarki@southernco.com)
- Marketing Chair: Chris Sorensen – Southern Company Services (chris.sorensen@juno.com)
- Publications Chair: David Hyche – KBR (david.hyche@kbr.com)
- Standards & Practices Chair: Jim Key – Southern Company Services (jimkey@southernco.com)
- Historian: Skip Wells – Southern Company Services (skipandalice@att.net)
- Student Section Liaison: Yao Wang – Southern Company Services (ywang@southernco.com)
- Section Division Liaison: Charles Morris (c.morris7711@gmail.com)
- ECOB Liaison: Cliff Fleming – Control Equipment Company (cfleming@eadsdistribution.com)
- President Advisory Team and Special Assignment:
  Delane Ponder – Southern Company Services (X2ponder@southernco.com)
  Grady Andrews – Hile Controls of Alabama (gandrews@hilealabama.com)
  Cliff Fleming – Control Equipment Company (cfleming@eadsdistribution.com)
  Frank Flow – Flexim Inc. (fnflow@yahoo.com)
  John Edge – Sick (john4auburn@gmail.com)
  Kiumars Bahri – Southern Company Services (kbahri@aol.com)

Matt’s – Word for the Day
Eponymous
[track.wordgenius.com]

Part of speech: adjective
Origin: Greek, 19th century

1. Relating to the name of something
2. Describing an item named after a subject in question

Examples of Eponymous [track.wordgenius.com] in a sentence

"Her eponymous album was a hit, and now everyone knows her name."

"The biggest stars have names that draw wide audiences, which is why they get eponymous TV shows."

Technical Brain Teaser

If a standard electronic flow transmitter, with a linear output, has a range of 0 – 2000 lb/hr (0 – 907 kg/hr) and the flow is 200 lb/hr (90.7 kg/hr.), what is the output of the transmitter in ma?

a. 1.6 ma
b. 5.6 ma
c. 10.6 ma
d. 18.4 ma
The correct answer may be determined by calculating the per cent of the range that is represented by 200 GPM. This per cent will be the same value to use for calculating the output, by multiplying the per cent times the 16 ma span of the linear output transmitter. Care must be taken to add the 4 ma bias back to the output, for the proper answer.

\[
\frac{200}{2000} = 10\% \text{ of range (0-2000 GPM)}
\]

\[
4 - 20 \text{ Ma} = 16 \text{ Ma span} \times \frac{16}{2000} = \frac{.008 \text{ Ma}}{\text{ GPM}}
\]

\[
200 \text{ GPM} \times \frac{.008 \text{ Ma}}{\text{ GPM}} = 1.6 \text{ Ma}
\]

output = 1.6 + 4 = 5.6 Ma

Answer is B 5.6 Ma
Gerald Wilbanks, PE
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www.isa.org/birmingham