



Birmingham
Section

Trend Recorder

ISA Birmingham Web

Site: www.isa.org/Birmingham [us19@mailchimp.com]
January 1, 2026



The ISA Birmingham Section Executive Committee wishes each of you a most Happy New Year for 2026!!!!

Wow, can you believe that 2025 has come to a close and now we embark on a new year with challenges and opportunities. It may not be your choice to make New Year Resolutions, but it is time to focus on your goals and objectives for your personal life, family, associates, friends, and work.

One of your aims should be to expand your professional develop and develop your skills and knowledge areas. That is an area where the International Society of Automation (ISA) can provide a lot of assistance and support. We need you in ISA!

ISA BIRMINGHAM SECTION MEETING

The ISA Birmingham Section will have its first meeting of 2026, at Revere Control Systems. This **technical meeting EVENT** will serve as the continuation for the 2025 - 2026 section year and will begin at 5:00 PM with a social time, followed by the technical presentation at 5:30 PM.

Technical Meeting: Revere Control Systems – 5201 Princeton Way, Hoover, AL

Time: 5:00 – 6:30 PM

Speaker: Victor Ivanov – Mercedes-Benz International in Vance, Alabama

Topic: "Troubleshooting Basics: Integrated Systems in the Information Age"

In the modern information age, systems are more interconnected than ever, and vehicles now rely heavily on complex electro-mechanical and networked subsystems. This presentation provides an overview of the latest generation of integrated automotive technologies and the challenges they introduce for diagnostics and maintenance. It then introduces foundational troubleshooting principles in a system-agnostic context, enabling the audience to apply them across a range of technologies. Finally, a case study involving a recent consumer electronics diagnosis illustrates how cost, time, safety, and technical skill influence repair decisions.

This will be a hybrid meeting event, and the connection link for the session will be sent out later. THIS MEETING PRESENTATION WILL QUALIFY FOR PROFESSIONAL DEVELOPMENT (PDH) CREDIT AND CERTIFICATES WILL BE ISSUED TO ATTENDEES.

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-

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Calendar

2025-2026 ISA Birmingham Section Schedule

Event	Date
Annual Planning Meeting – ExCom	July 18, 2025
Kick-Off Meeting - Revere Control Systems: 5201 Princeton Way, Hoover, AL Time: 5:00 PM until 6:30 PM Speaker: Mix and Mingle time to have food, fun, and fellowship with other members and those interested in the automation and controls field of work.	September 9, 2025
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: Andrew Green – Trihedral Inc. Topic: “Real World Consequences of SCADA System Cyber-Security”	October 14, 2025
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: RICHARD VANFLEET – ANDRITZ INC. Topic: “ <i>How Can Advanced Process Control Strategies Co-Exist with a Digital Twin?</i> ”	November 11, 2025
There will not be a meeting of the ISA Birmingham Section in December	
Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: Victor Ivanov – Mercedes-Benz International in	January 13, 2026

<p>Vance, Alabama Topic: "Troubleshooting Basics: Integrated Systems in the Information Age"</p>	
<p>ECOB Banquet– Annual Dinner and Celebration Location: Harbert Center, 2019 Fourth Avenue North, Birmingham Engineer’s Week Honors and Awards Recognitions Social: 5:00 PM Dinner: 6:00 PM Awards and Recognitions: 6:30 PM</p>	<p>February 17, 2026</p>
<p>Technical Meeting: Revere Control Systems – Hoover, AL Time: 5:00 – 6:30 PM Speaker: TBD Topic: TBD</p>	<p>March 10, 2026</p>
<p>Plant Visit – TBD Details of hours and transportation will be announced in a meeting notice to come out in early April.</p>	<p>April 14, 2026</p>
<p>“Fundamentals of Industrial Automation, Instrumentation, and Control” Training Course Location: Revere Control Systems - 5201 Princeton Way, Hoover, AL <i>For specific details and to register, please click on the following connection link:</i> TBD</p>	<p>May 5 – 7, 2026</p>
<p>Birmingham Section - Honors and Awards Banquet – Location: TBD Presentation of awards to the Engineer of the Year, Young Engineer of the Year, and Distinguished Society Service Award. Recognition of Former Presidents of the ISA Birmingham Section.</p>	<p>May 12, 2026</p>

charisma

Matt's Word for the Day

noun | kuh-RIZ-muh

What It Means

Charisma refers to a special magnetic charm or appeal that causes people to feel attracted and excited by someone. A person with charisma is captivating and often admired.

// The young singer has the kind of charisma that turns a performer into a star.

// As the speaker continued on the technical topic, it was evident that he had the charisma to charm the audience.

Examples of CHARISMA

"Sports and showbiz have gone hand in hand since newsreels in the 1920s showcased the skills and **charisma** of Babe Ruth." — Carole Horst, *Variety*, 16 July 2025

Technical Brain Teaser



According to NFPA 496 what shall be the constantly maintained positive pressure above the surrounding atmosphere for pressurized system enclosures?

- a. 0.1" WC
- b. 1.0" WC
- c. 10" WC
- d. 1 psig

Scroll down for the answer

Scroll down for the answer

Scroll down for the answer

Scroll down for the answer

And the answer is--

_____The correct answer is A – .1 inch of water column

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