



Editor: Madanjit Singh

ISA & IEEE
MONTHLY MEETING,
Dec. 8, 2009
Augusta, GA

Price : \$8 for members-RSVP by Friday noon Dec, 05
\$12 members & nonmembers—without RSVP

Time : 6:15 pm - Registration
6:30 pm - Dinner

Place : Americas Best Value Inn
(I-20 - EXIT 199)
3023 Washington Road
Augusta

Door Prizes by: ISA , IEEE, Belden-Hirschmann

RSVP: by sending email: isaga@isaga.org

Mission Critical Ethernet

Presentation Description:

Introduction to Ethernet, IEEE 802.3 Standard

What makes “mission critical” Ethernet applications unique

EthernetIP: plan for success with multicasting

An overview of Hirschmann’s industrial Ethernet infrastructure products

New products from Hirschmann: rack mount, wireless, fiber and software

Questions and answer session

**Presentation by
Kevin Holley**

Field Solution Manager

Kevin Holley is Field Solution Manager supporting the Southeast for Belden’s Industrial Solutions group. His current position includes technical sales and consulting with Belden’s complete line of mission critical Ethernet products supporting layer 1 to layer 3 of the OSI model. He holds a BSEE, cum laude, from the University of Cincinnati. Kevin has been in the automation/controls application field for the past 20 years, and has specialized in industrial Ethernet applications for the past 8 years. This specialization includes hands-on experience with many flavors of industrial Ethernet protocols, most notably EthernetIP and ModbusTCP. His experience and application knowledge have led him to be one of the featured speakers at events such as the ODVA one-day EthernetIP training seminars in Nashville and Charlotte.

SAVANNAH RIVER SECTION



CALENDAR

- Sept 10:** Microwave Heating
- Sept 21:** Kick off meeting: Instrument Grounding
- Sept 24:** Safety Seminar

- Oct 17:** Control Valves Training Seminar
- Oct 28:** Golf Tournament & vendor interaction

- Nov 10:** Honeywell Wireless

- Dec 8:** Ethernet & cables by Belden

- Jan:** Sensors

- Feb 9:** Foundation Field Bus & DCS

- Mar:** PEN Show

- Apr:** Virtualization & One day ISA Seminar

- May:** TBA

ISA DIVISIONS Appeal

ISA members are encouraged to join at least one division in their industry. The list of various divisions is as following:

Represent your technical industry.

Industries and Sciences

Divisions

- Aerospace Industries Division
- Chemical and Petroleum Industries Division
- Construction and Design Division
- Food and Pharmaceutical Industries Division
- Mining and Metals Industries Division
- Power Industry Division
- Pulp and Paper Industry Division
- Water and Wastewater Industries Division

Declare your technical specialty.

Automation and Technology

Divisions

- Analysis Division
- Automatic Control Systems Division
- Computer Technology Division
- Management Division
- Process Measurement and Control Division
- Robotics and Expert Systems Division
- Safety Division
- Telemetry and Communication Division
- Test Measurement Division

To all ISA Savannah River Section Members:

In month of November, Honeywell Wireless Expert, David Gunn, field support Specialist conducted the Wireless session very professionally. The session was attended by 28 engineers. The high lights of presentation is as follows:

- ISA100 Overview—ISA100.11a
- ISA100 Usage Classes
- ISA100 and WirelessHART Comparison
- Honeywell’s Proven Wireless Technology
- VOC used for Wireless One Development
- OneWireless addresses all key VOC
- OneWireless enables Value Applications
- Onewireless Solutions – Mesh Network – Field I/O – Wi-Fi Access
- Efficiency – Instrumentation – Remote/Mobile Controllers – Operations
- Safety – Reliability
- OneWireless Network R120 – Experion R311 Equipment Review & Demo

Our Special thanks to David Gunn, Rich Miller Manager & Mike Kerwin of AC Controls

We will be communicating with membership regularly using the newsletter format. We intent to bring to you the latest instrumentation, control and automation knowledge. We have chartered various topics as aligned in the next column to the left. We tried to include manufacturers, representatives, application engineers, end users. We intend to support student section and award scholarship to deserving student for the involvement in our discipline.

To keep above goal in mind, Our net topic on Ethernet is equally interesting. We have added interesting door prizes for Holiday spirit.

For a successful news letter, we need your support and help. We have added three Members for our section:

- Bruce Van Peurseem, Secretary SRR
- Raj Patel, Program Chair
- Jim Mitchell, Advisor

Please send an email to isaga@isaga.org or any of the executive board members if you have an item or subject that you think should be included in the newsletter.

For activities and policies stated above on subjects, please try to support these events and meetings so that our section can prosper with solid networking, good friendships, and provide course assistance to the schools and industry in our area.



Section Membership Status

158 members active
14 members in grace period
0 New members
172 Total

Update Membership Record

Every member can update their ISA record on line. Go to www.isa.org and login (use member number and password). Look in the left navigation bar under general information and select My ISA>update My Record.
If member does not feel comfortable navigating the web, then send email message to info@isa.org with a request to update the record with current information. Providing the member number always helps. Or call ISA at 919-549-8411.

Mission Critical Ethernet Speakers



Kevin Holley
Field Solutions
Manager

&

Wayne Birch

Account Manager-Industrial Solutions

**David Dunn—One Wireless Presenter
With Demo Equipment**



OUR GOAL IS TO BRING TO YOU LATEST KNOWLEDGE & TECHNOLOGY; YOUR ATTENDANCE WILL ENCOURAGE US IN ACHIEVING THIS GOAL..



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