



ISA & IEEE
KICK-OFF MEETING,
SEP.8, 2008
Augusta, GA
with Demonstration

Price : \$8 for members- RSVP by Friday noon Sept 5, 08
\$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

2 \$25 gift Cards by ISA
2 \$25 gift Cards by IEEE
& many more

RSVP: On the SAVANNAH RIVER SECTION website:
www.isaga.org

**SIEMENS COMPONENT BASED
AUTOMATION**

The focus of the presentation will cover Siemens approach to the modularization of Machines, Processes and complete Plants using Component Based Automation (CbA).

The modularization of plants or machines is today an effective means of achieving greater productivity and lowering costs in plants or machine construction. Component-based automation is a new concept for modular plant and machine construction based on the distributed intelligent automation devices.

The second part of the presentation will explore the current technology advances being made in the area of intelligent Motor Control and Protection using the SIMOCODE Pro motor management system. SIMOCODE provides operational, diagnostics and statistical data and organizes the communication between the automation system and the MCC sections. The use of device simulation software to improve the commissioning and off line integration testing of intelligent MCCs will be discussed.

The presentation will be highly interactive and will use dual projectors to show the presentation slides and view the various software packages used as part of the solution.

Paul and a team of technical experts will be available after the presentation to discuss the implementation and configuration task and benefits of the Siemens solution presented.

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SAVANNAH RIVER SECTION

CALENDAR

Sept: Kick off meeting. **Siemens Component Based Automation**

Oct: Golf Tournament & vendor interaction

Oct: Safety PLCs

Nov: Computer virtualization

Dec: UPS Systems

Jan: Loop Reliability & Scaling Calculations

Feb: Latest in Control Valves & Digital Positioners

Mar: PEN Show

Apr: One day ISA Seminar

May: TBA

ISA DIVISIONS

To achieve participate in special interest activity & knowledge, ISA members are encouraged to join at least one division in their industry. The list of various divisions is as following:

[Aerospace Industries Division](#)

[Analysis Division](#)

[Automatic Control Systems Division](#)

[Chemical & Petroleum Industries Division](#)

[Computer Technology Division](#)

[Construction & Design Division](#)

[Food & Pharmaceutical Industries Division](#)

[Management Division](#)

[Mining & Metals Industries Division](#)

[Power Industry Division](#)

[Process Measurement & Control Division](#)

[Pulp & Paper Industry Division](#)

[Robotics & Expert Systems Division](#)

[Safety Division](#)

[Telemetry & Communications Division](#)

[Test Measurement Division](#)

[Water & Wastewater Industries Division](#)

To all ISA Savannah River Section Members:

Welcome to the new ISA year and also to the first newsletter of the year. It is one of our goals this year to send out a regular newsletter to improve our communication amongst the membership of the section. We will be communicating with membership regularly using the newsletter format. We intent to bring to you 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, Plant tour and Golf tournament. We intend to support student section and award scholarship to deserving student for the involvement in our discipline.

For our section, the bylaws committee is close for completing the task of revising the section bylaws. We will send the revised bylaws to all for voting in the near future. The board have already worked through planning sessions and passed the budget for year 2008-2009. We will be representing Savannah River section in the council of delegates for voting on the future policies of the ISA Society.

We intend to update you of high lights of EXPO 2008. We will be training our Board members for leadership roles giving them opportunity to attend in the fall and spring sessions. For a successful news letter, we need your support and help.

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

We have revamped the website. It includes a Blog site for members to make comments or dialogue on subjects of interest. For activities and policies stated above on subjects of very interesting meetings, including a couple by end users; a plant tour; a one day seminar, and of course our ever popular golf outing and PEN Show, 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

203 members active
13 members in grace period

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.

The advancements in the instrumentation , control and automation technology and its correct application in the industry, helps in:

- Reduction of plant operational costs
- Increase in the productivity of the plant
- Reduction of energy consumption and energy conservation
- Keeps environment clean.

Instrumentation, Control and Automation is an important field, please support it fully and be proud to be in this useful field.



Paul Bennison is our regional Consulting Business Developer working for Siemens Energy and Automation Inc. In this capacity Paul focuses on consultative engineering support in the MES/Batch/Continuous manufacturing arena. He received a BA degree in Mechanical Engineering and a Masters Degree in Advance Manufacturing Technology and Robotics from Cranfield University, located in the UK.

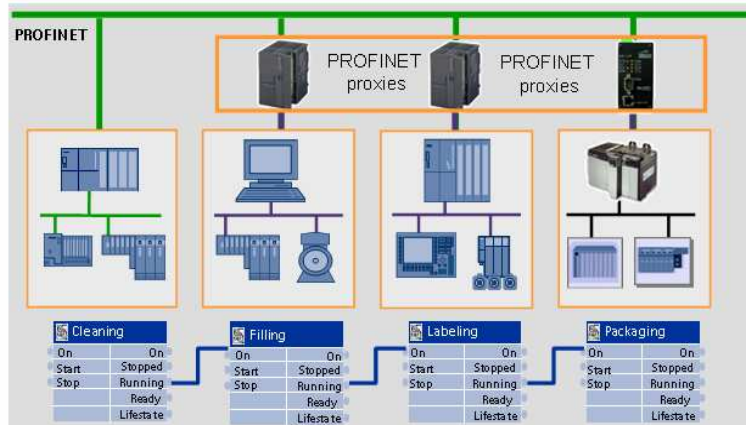
Paul has over 20 years International experience as a project engineer, product manager and international account manager in the manufacturing IT and Primary/Secondary production systems arena. His international experience has included working on projects in Asia, Europe, South and North America.

Specialties: MES/DCS/BATCH/SCADA/PLC solutions, FEED requirements analysis, project financial and ROI justification analysis.

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

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Component Based Automation CbA



CbA enables the integration of machines/plants connected to fieldbus systems

SIMOCODE





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