



**ASME & ISA**  
**High Temperature Microwave**  
**Technologies Meeting,**  
**SEP. 10, 2009**  
**Burnettown, SC**

**Price :** \$10 for members-RSVP by Wednesday noon  
Sept. 9, 2009

**Time :** 5:30 pm -6:00 pm- Social/Meet Time  
6:00 pm - 7:00 pm Registration & Dinner  
Presentation

**Place :** Bobby's BBQ  
(Hwy 1/Jefferson-Davis Hwy )  
Burnettown  
SC

**RSVP:** by sending email: [kneikirk@comcast.net](mailto:kneikirk@comcast.net).

For more details, Please refer page 5 of 6

**ISA & IEEE**  
**KICK-OFF MEETING,**  
**SEP. 21, 2009**  
**Augusta, GA**

**SUBJECT: Instrumentation Grounding**

**Price :** \$8 for members-RSVP by Friday noon Sept17,  
09  
\$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

**RSVP:** by sending email: [isaga@gabn.net](mailto:isaga@gabn.net)

**Special: Door prizes by ISA & IEEE**

**PRESENTATION DETAILS:**

The various techniques and practices of industrial instrumentation grounding will be discussed and references to existing ISA and IEEE standards will be explored. Interactive discussion is encouraged as there are many various stories and scenarios to share as this session will not just be a straight lecture.

Ground loop formation and avoidance will also be a topic of discussion in this presentation.

(For Bio data of presenter, refer page 3)



SAVANNAH RIVER SECTION

**CALENDAR**

- Sept 10:** Microwave Heating
- Sept 21:** Kick off meeting. Instrument Grounding
- Oct:** 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:

- [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:**

We had a very fruitful last year. The name of our society has been voted to be changed to The International Society of Automation. The Society has added benefits to members by permitting free membership to any of the two divisions. Our standards are becoming more Internationally recognized.

Our section was well represented in the organizational activities. Our section delegate took part in the council of delegates meeting for voting on the bylaws changes. Three members attended the 2008 Expo and 4 members took part in the District leadership development conference. We had eight membership monthly section meetings, a fund raising golf tournament and Product Education Night. One factory tour and one boat tour were arranged for the membership. Nine monthly letters were issued and sent to the membership for information. We have supported student activities financially and technically. We have awarded two \$1000 scholarships to deserving Augusta technical college students for higher education. Please refer page 4 for Scholarship award report. Our section membership had ranged between 158 and 210. Our Section board had changed from nine members to six members, after the retirement of three members. We are supplemented by a young enthusiastic secretary. We received excellent cooperation from ASME & IEEE societies. Some of our monthly meeting sessions were joint sessions.

We have a very exiting program in the year 2009-2010. Our budget has been approved. We have planned eight presentations, a golf tournament and product education night. A factory tour is proposed. We have planned to attend Expo 2009 and the council of delegates meeting in October. Our section will be represented by 2 to 3 members.

We will be continuing communication with membership regularly using a newsletter. We intend to bring to you latest instrumentation, control and automation knowledge. Some topics planned are in the column to the left. We tried to include manufacturers, representatives, application engineers and end users. We intend to support the student section and award scholarships to deserving student for their involvement in our discipline.

(CONTINUED ON PAGE 3)



SAVANNAH RIVER SECTION

**Section Membership Status**

158 members active  
18 members in grace period

Continuation from page 2

We intend to update you of high lights of EXPO 2009. We will be training our Board members for leadership roles and giving them an opportunity to attend the fall and spring sessions. For a successful newsletter, we need your support and help.

Please send an email to [isaga@gabn.net](mailto: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.

Our website is being revamped. It includes the latest activities, pictures, schedule of meetings, monthly news letters and a Blog site for members to make comments on subjects of interest. Please try to support the 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.

**Update Membership Record**

Every member can update their ISA record on line. Go to [www.isa.org](http://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](mailto: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.

**Biodata of Presenter**

(Continuation from page 1 )

T. David Mills (M'77–SM '00) received the B.S.E.E. degree from Virginia Tech, Blacksburg, in 1978.

He has been an Electrical Engineer with Burlington Industries, Columbia Nitrogen Corporation, Cleveland Electric Company, E. I. DuPont de Nemours, Inc., Bechtel Savannah River, Inc., and currently, Savannah River Nuclear Solutions, LLC, Aiken, SC. His experience covers several industries, including textiles, chemical, nuclear power plant construction, industrial construction, nuclear materials facilities, commercial buildings and diesel driven systems.



Mr. Mills is currently an IEEE Standards Association member and participates in several standards making committees including Co-Chair of IEEE Std. 3000 (Recommended Practice for Engineering of Industrial and Commercial Power Systems) Working Group, Secretary of the Power Systems Design Subcommittee, member of the Forensics Working Group, member of the Standards Coordinating Committee 18 (SCC 18) as an alternate IEEE representative to Code Panel 3 of the National Electrical Code®, and is Standards Department Chair of the Industry Applications Society (IAS) of IEEE. He has been a program evaluator for the Accreditation Board of Engineering and Technology's (ABET) Technology Accreditation Commission

(TAC), which is responsible for evaluation of collegiate engineering technology programs.

He is a Registered Professional Engineer in the States of Georgia and South Carolina.

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

## SCHOLARSHIP AWARD

On Friday, August 28, 2009 Zachary Smith and Damien Mangual ,two Electronics & Computer Engineering Technology students, received the annual B.T. Sorrells Memorial Scholarship (of \$1,000 each) given by Savannah River Section of International Society of Automation. The ceremony took place on the Augusta campus of Augusta Technical College with the President- Mr. Terry Elam, ISA President- Madanjit Singh, Dean of Information and Engineering Technology, the students' advisors Ms. Surekha Prasad and Ms. Kim Gaines, and other Augusta Technical College staff, family and friends. These students diligence and academic preparation has not only garnered them the honor being the scholarship recipient, but they have also set a strong foundation for advanced education opportunities or becoming effective contributors to an organization's mission and goals. Scholarship winners with ATC President & ISA President



ATC President-Terry Elam, ISA Education Chairman, SRS Lance Brown, Scholarship winner- Damien Mangual, Scholarship winner- Zachary Smith, ISA President SRS-Madanjit Singh



ATC President-Terry Elam, Student Advisor-Kim Gaines, Scholarship winner- Damien Mangual, Scholarship winner- Zachary Smith, Student Advisor- Surekha Prasad

# ASME & ISA Joint Meeting

## *Topic: High Temperature Microwave Technologies for Material Processing*

**Date:** Thursday, September 10th

**Time:** 5:30 pm-6:00 pm Social/Meet and Greet Time  
6:00 pm-7:00 pm, Dinner w/ Program to Follow

**Speaker:** Stan Morrow, Microwave Synergy, Inc.

**Location:** Bobby's BBQ, Hwy 1/Jefferson-Davis Hwy (Aiken/Augusta Hwy)

The American Society of Mechanical Engineers (ASME) and the International Society of Automation (ISA) are co-sponsoring a dinner meeting to be held on **Thursday, September 10th, from 6:00 to 8:00 pm, at Bobby's BBQ in Burnetown, S.C.** (on Hwy 1 approximately 1/2 way between Aiken and Augusta). The topic of the dinner meeting will be High Temperature Microwave Technologies for the processing of metallic and advanced ceramic materials. The speaker for the dinner meeting will be Stan Morrow, Founder and Chief Technology Officer of Microwave Synergy, Inc. Cost of the dinner meeting will be the cost of the meal (approx. \$10, pay at the door). Guests and spouses are welcome. Please make reservations by no later than Wednesday, September 9th.

For those interested in attending, please contact **Kipp Neikirk at (803) 725-5390 by no later than Wednesday, September 9th.** You may also make a reservation by sending an e-mail to Kipp Neikirk (chairman of the ASME, CSRA Section) at [kneikirk@comcast.net](mailto:kneikirk@comcast.net).



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