



The Western Palmetto Informer

American Institute of Chemical Engineers

March 2013

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Contact Information

Visit our website:

<http://wsc.aiche.org>

Email us at:

sec@wscaiche.org

February Meeting - Thank You

WSCAICHE thanks Clemson University's Assistant Professor, Rachel B. Getman, Ph.D., who presented an informative talk on "Creating Resistant Oxidation and Reduction Catalysts by Tuning Electronic Structure". This was a joint meeting with the Clemson student section of AICHE.

Also, WSCAICHE's \$1000 Clemson Scholarship was presented to Ms. Heather Snyder during this meeting. Our congratulations to Heather!



NEXT MEETING - Tuesday, MARCH 12, 2013

“Overview of the HELCO Gas Turbine power plant project upgrade for Hawaii Electric Light Co, Inc., Keahole Plant”

Mustang Automation and Control (MAC), a business unit of Wood Group Mustang, Inc. is the largest control systems integrator company in the world. Their project history began in 1996 focusing on refining, chemicals and oil and gas. They have successfully completed some of the largest automation projects in the world. MAC has expanded their execution centers globally into five countries in South America as well as the U.K and Saudi Arabia. The Greenville, SC office, which was opened five years ago, employs approximately fifty people in the Automation business sector. The office is focused on power, pulp and paper, fine chemicals and other “non-traditional Mustang clients/industries”. Bud Blankenship will discuss improving reliability through an automation upgrade of the Hawaii Electric Light Co. gas turbine power plant.

Bud Blankenship, is Manager of Business Development at Wood Group Mustang Inc. Bud has spent the last twelve years at Wood Group Mustang in the Mustang Automation and Control business unit. Prior to joining Wood Group Mustang, Bud began his career with Ashland Oil spanning twenty one years in various roles from central engineering through refinery management. Following his work at Ashland, Bud joined Litwin Engineering in Houston as Manager of Litwin’s Refinery Consulting Group. He also spent five years with ABB as global Director of Refining. Bud received his education at Marshall University.

March Meeting Information

- TITLE:** “Overview of the HELCO Gas Turbine Power Plant Project Upgrade for Hawaii Electric Light Co, Inc., Keahole Plant”
Presented by Bud Blankenship, Manager of Business Development at Wood Group Mustang Inc.
- DATE:** TUESDAY March 12, 2013
- TIME:** 6:00 PM Sign-in / Social
6:30 PM Dinner
7:00 PM Presentation
- LOCATION:** Hilton Greenville Hotel
45 West Orchard Park Drive
Greenville, SC 29615-3548
- DIRECTIONS:** I-385 @ Haywood Road Exit #39
- COST:** \$10 for Members
\$15 for Non-members
Free to Attend Meeting Only

**Please reply by mid-day Thursday, March 7th, 2013 to Secretary
- Jeremiah Batiste at sec@wscaiche.org.**

Note that the dinner portion of the meeting is not mandatory. Arrive by 7:00 pm if you want to attend the presentation without dinner.

Only RSVP if you plan to dine with us.

Greenville County Science Fair

The WSC AIChE is proud to support the Greenville County Science Fair. This year we are giving five \$50 special awards to outstanding junior and senior projects. We are also donating \$100 for a bronze level science fair sponsorship. In addition to donating the prize and sponsorship money, the WSC AIChE also supports in the judging process.

The judging for the fair is just one night, Tuesday, March 19th at the TD Convention Center. Dinner is provided to all judges. Arrival time is 5:00 p.m. for dinner with special awards judging beginning around 5:30 p.m.

Please contact WSC AIChE Secretary Jeremiah Batiste at sec@wscaiche.org if you would like to participate as a judge. If you have questions concerning the Science Fair, you may contact Tim Taylor from the Roper Mountain Science Center at tmtaylor@greenville.k12.sc.us or Lisa Phillips, Coordinator of the Science Fair, Summer Science and Special Projects at the Roper Mountain Science Center, at 864-355-8925 or liphilli@greenville.k12.sc.us.

Officer Nominations Needed for 2013-2014

Feel a NEED TO SERVE and HELP OTHERS? Consider becoming a WSCAIChE Officer!

Due date for Officer Nominations will be at the April Plant Tour and elections complete by the May Social. Feel free to nominate yourself. All nominations are to be sent to the WSCAIChE Secretary at sec@wscaiche.org.

You may nominate the following positions:

- Chair
- Vice-Chair
- Treasurer
- Secretary
- Webmaster
- Historian

2012-2013 Calendar of Events

DATE	LOCATION	TOPIC
20 Sep 2012	McAlister's Square	Importance of Water Quality to the Steam Cycle - Dennis McBride, Fluor, (ASME Joint Meeting)
09 Oct 2012	Clemson University Madren Center	Filter Types & Specifications for Process Filtration - Drew Willoughby, 3M Purification
13 Nov 2012	Greenville Hilton	Project & Risk Management - Tom Moran, Fluor, Corporate Risk Group
08 Jan 2013	Michelin Donaldson Center	"Hot Topics in R&D at Milliken & Company" - Dr. Keith Keller, Milliken & Company (ACS Joint Meeting)
12 Feb 2013	Greenville Hilton	"Creating Resistant Oxidation and Reduction Catalysts by Tuning Electronic Structure" - Dr. Rachel B. Getman (Joint Meeting with Clemson student section of AIChE)
12 Mar 2013	Greenville Hilton	"Overview of the HELCO Gas Turbine Power Plant Project Upgrade for Hawaii Electric Light Co, Inc., Keahole Plant" <i>Presented by Bud Blankenship, Mustang Engineering</i>
19 Mar 2013	Carolina First Center	Science Fair Judging for the Greenville County Science Fair
30 Apr 2013	BASF Corporation Seneca SC	Plant Tour
09 May 2013	Roper Mountain Science Center	Planetarium / Family Social - Valerie Mosher, RMSC Curator of Engineering and Technology

A Professional Development Hour certificate of (1) credit will be provided for attendees at meetings with technical presentations.

Active participation in professional societies as well attending our professional and technical presentations count towards Continuing Professional Competency requirements for Licensed Professional Engineers.

2012-2013 Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. If you have ideas or concerns regarding operation of the WSCAICHe OR if you're a member with a desire to serve, please contact any of the Officers or Executive Committee members listed below.

POSITION	NAME	EMAIL	PHONE
Chair	Karl McCaleb	Kmccaleb2@bellsouth.net	843-858-1182
Vice-Chair	Mary Ferris	MaryFerris@charter.net	864-498-3436
Secretary	Jeremiah Batiste	sec@wscaiche.org	864-281-4568
Treasurer	Alan Vibber	treasurer@wscaiche.org	864-554-3906
Webmaster	Eugene Gill	eugene@eugenegill.com	864-281-8627
Historian	David Hine	dhine@fujifilm.com	864-993-8235
Former Chair	Don Gurney	degurney@charter.net	864-879-7935
Executive Committee Member	Rick Vogel	rvogel1@hotmail.com	864-420-5777
	Mike Thompson	mike.thompson@fluor.com	864-281-6791