



The Western Palmetto Informer

American Institute of Chemical Engineers

November 2008

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Contact Information

Visit our website:

<http://www.wscaiche.org>

Email us at:

sec@wscaiche.org

October Meeting Thank You

Special Thanks to our October Meeting's speaker, Dennis Barry from Thrivent Financial. Dennis took time out of his schedule to come speak to the Section about financial fundamentals. The Section would also like to thank Dr. Scott Husson and the student chapter of AIChE from Clemson University for hosting this event.

November Meeting: Boiler Improvements Result in the Super Boiler

Chemical Engineers often work with boilers, but how many of us have heard of the Super Boiler?



In cooperation with the Department of Energy and other partners, Cleaver Brooks is developing a new industrial gas-fired "Super Boiler" steam-generation System with the potential to save the U.S. industry more than \$5 billion annually in steam-production costs.

The advanced design of the Super Boiler provides increased efficiency, reduced emissions, and lower fuel costs when compared with conventional technology.

On November 18, 2008, Mr. Fondren Rigsby of Cleaver Brooks and Mr. Graham Hobbs of C&C Boiler will deliver a presentation to our Section explaining the Super Boiler and other recent advances in boiler efficiency and technology. See you there!

NOVEMBER MEETING SUMMARY

DATE: Tuesday, November 18, 2008
TIME: 6:00 PM Social
6:30 PM Dinner
7:00 PM Presentation
LOCATION: Hilton, Greenville
45 West Orchard Park Drive
Greenville, SC 29615
DIRECTIONS: I-385 @ Haywood Road Exit #39
COST: \$12 for Members (less \$5 instant rebate)
\$15 for Non-members
Free to Attend Presentation Only

Please reply to Treasurer Rick Vogel at rick.vogel@fluor.com by Thursday, November 13, 2008.

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.

Getting to Know...

In this recurring feature in the *Informer* we get to know our Section leadership and others who contribute to our profession. This month, meet our webmaster, Eugene Gill and Executive Committee Member, Mary Ferris.



Eugene Gill,
Webmaster

Eugene Gill is a Principal Process Engineer in Fluor's Chemical Technology Center. Born in Zambia, mostly raised in South Africa, Eugene is chemical engineering graduate from the [University of Cape Town](#). He has 27 years' diverse experience, ranging from synfuels, explosives, offshore oil and gas production, oleochemicals, carbon fiber, polymers, polycrystalline silicon and potato chips.

From being a part-time beach bum, wave sailor, ultralight pilot and scuba diver, Eugene has evolved into a responsible adult. With his partner, Susan, he is raising two free-range boys, Callum (13) and Dominic (10). Now his hobbies are singing in the Greenville Chorale, and recreational cycling. He has given up running, as he finds it leaves him tired and out of breath.

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Mary Ferris, Executive
Committee Member

Mary Ferris has been a member of our Executive Committee since completing her assignments as Secretary, Vice Chair, and Chair of our local WSC section of AIChE between 1998 and 2001. Until recently, she was an IS Specialist at Cryovac/Sealed Air Corporation in Duncan, SC, working on the implementation of SAP at all of their US and international locations. Other positions in her 19 years with Sealed Air include Process Engineer and Product Development Engineer at their Simpsonville plant, as well as Financial Analyst in Duncan. Prior to coming to work for Sealed Air, Mary held Process Engineering positions at Best Foods in New Jersey and Procter and Gamble in Cincinnati, Ohio. As the result of a major downsizing effort at Sealed Air, she is currently seeking employment and can be reached at 864-498-3436 or via email at MaryFerris@charter.net.

Mary earned her BS in Chemical Engineering from MIT in 1981 and her MBA from Clemson in 1995. She currently lives in Simpsonville with her cat, Rusty. When not working, Mary likes to garden, travel, play golf, walk/run, volunteer with Hands on Greenville, attend performances at the Peace Center and Greenville Little Theater, and visit her family in Rhode Island.

2008-2009 Officers and Executive Committee

Many thanks to the continued efforts of those in providing leadership to our Section. Members with a desire to serve can contact any Officer or Executive Committee member.

POSITION	NAME	EMAIL	PHONE
Chair	Oren Webb	oren.webb@fluor.com	864-281-8106
Vice-Chair	Austin Crooks	austin.crooks@fluor.com	864-281-4635
Secretary	David Laursen	sec@wscaiche.org	864-281-5981
Treasurer	Rick Vogel	rick.vogel@fluor.com	864-281-6702
Webmaster	Eugene Gill	eugene.gill@fluor.com	864-281-8627

Other Executive Committee Members are: Teresa Cheung, Mary Ferris, David Harshbarger, Ann Marie Jones, John Moore, and James Young.

2008-2009 Calendar of Events

DATE	LOCATION	TOPIC
18 Nov 2008	Hilton	Boiler Improvements and the Super Boiler
13 Jan 2009	Hilton	Gas Turbines
14 Feb 2009	Roper Mountain Science Center	Second Saturday - Kids Engineering
17 Feb 2009	Hilton	Clemson Speaker - <i>Topic to be announced</i>
24 Mar 2009	Hilton	How to Be a 21 st Century Global Citizen
14 Apr 2009	Milliken	Plant Tour
15 May 2009	Fluor Field	Greenville Drive Baseball Game Social

**Date change from previous issue*

Active participation in professional societies as well attending our professional and technical presentations count towards Continuing Professional Competency requirements for Licensed Professional Engineers. Upon request, the Section Secretary can provide attendance verifications for this purpose to our members.

Reminder: No December Meeting

Remember that we will NOT be having a December meeting. Our next meeting will be on January 13th, 2009. I hope all of you have Happy Holidays and great New Year!! See you in January.

Reminder: Roper Mountain Science Center - Second Saturday, February 14th KIDS ENGINEERING

Please plan to help the section sponsor the 4th Annual Kids Engineering day at Roper Mountain Science Center. Part of the Engineers Month activities, we expect some 300+ kids to take part in some 20 different Science and Engineering related activities. Just to list a few of these wicked cool activities... the kids have an opportunity to build bridges, launch rockets, perform pH experiments, and examining effects of air pressure by imploding steam filled soda cans. Webelos Cub Scouts can earn their "Engineering" while Jr. Girl Scouts can earn their "Making it Matter" activity badge.