



The Western Palmetto Informer

American Institute of Chemical Engineers

October 2012

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Contact Information

Visit our website:

<http://wsc.aiche.org>

Email us at:

sec@wscaiche.org

September Meeting - Thank You

WSCAICHE would like to extend a thank you to the local ASME Greenville Section for the joint meeting with them and speaker Dennis McBride for his excellent presentation on "Importance of Water Quality to the Steam Cycle". Dennis is a Principal Process/Specialty Engineer and Fellow for Fluor Enterprises Inc. For more information, go to AMSE Greenville Section website - <http://sections.asme.org/greenville/>

NEXT MEETING - Tuesday, October 9, 2012

"Filter Types & Specifications for Process Filtration"



Drew Willoughby, Senior Sales Engineer, 3M Purification Inc. will give a presentation on the important process conditions in the selection of a filter, how filters are rated and a review of the different filter constructions and their impact on performance.

Drew, a BSME with MBA has worked over 33-years in the filtration field including filter design, constructing filter test equipment, filtration performance analysis and in positions of Product Manager, Sales Manager and Marketing Manager. Before pursuing a career in filtration, he worked in the design field of road construction equipment and oil drilling rigs.

One of Drew's quotes - "There is one thing I can say regarding filtration... all applications are unique and no canned solution is likely to provide the most cost effective filtration solution without a thorough understanding of the condition, the contaminant and possibly conducting a test."

OCTOBER Meeting Information

TITLE: Filter Types & Specifications for Process Filtration
(Joint meeting with Clemson student section of AIChE)

DATE: TUESDAY October 9, 2012
6:00 PM Sign-in / Social

TIME: 6:30 PM Dinner
7:00 PM Presentation

LOCATION: **The Madren Conference Center and Inn at Clemson**
230 Madren Center Drive
Clemson, SC 29634-5673

DIRECTIONS: <http://www.clemson.edu/centers-institutes/madren/directions.html>

COST: \$10 for Members
\$15 for Non-members
Free to Attend Meeting Only

Please reply by mid-day Friday, October 5, 2012 to Secretary - Jeremiah Batiste at sec@wscaiche.org.

We have to give Clemson a firm headcount by Friday, so please RSVP early.

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.

A Professional Development Hour certificate of (1) credit will be provided for meeting attendees.

2012-2013 Calendar of Events

October 2012

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	TBD - (ACS Joint Meeting)
12 Feb 2013	Greenville Hilton	TBA - Clemson University Provided Speaker
12 Mar 2013	Greenville Hilton	Automation Trends - Bud Blankenship, Mustang Engineering
19 Mar 2013	Carolina First Center	Science Fair Judging for the Greenville County Science Fair
09 Apr 2013	TBD	TBD
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

Annual WSCAICHe's \$1000 Clemson Scholarship

Calling all you Clemson Chemical Engineering Seniors and Juniors with projected graduations between August 2013 and May 2014. Fill out the attached scholarship form and email it the section secretary, sec@wscaiche.org, by midnight January 31st to apply for the WSCAICHe \$1000 Clemson Chemical Engineer Scholarship. The award presentation will be made during the February 2013 Meeting.

Attached to this month's newsletter is the Clemson Scholarship Application. Instructions can be found on the application form.

WESTERN SOUTH CAROLINA AICHE SECTION SCHOLARSHIP

The Western South Carolina Section of the American Institute of Chemical Engineers is pleased to support the Chemical Engineering program at Clemson University by offering a \$1,000 scholarship. This scholarship is to be awarded to a returning Chemical Engineering student with a projected graduation date between August 2013 and May 2014.

The \$1,000 award will be presented at the joint meeting between the Clemson Student Chapter and the Western South Carolina AICHE Section on February 12, 2013.

Applications are available at <http://wsc.aiche.org>. Completed applications are due to the Western South Carolina AICHE Section Secretary at sec@wscaiche.org by midnight on January 19, 2013, in PDF or Word format. The Secretary will email reply receipt of application.

Name of Student: _____

Student email address: _____ Phone: _____

Student ID # _____ AICHE Student Chapter Member? Yes _____ No _____

Expected Graduation Date: _____

Chemical Engineering Courses Completed	Semester Course was completed	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Calculate the average of *only the courses listed above* to determine your chemical engineering GPA: _____

List extracurricular activities and describe special duties (e.g., offices held, etc.)

Attach two written essays (250 words maximum per essay, typed):

- 1) Describe your career goals as a chemical engineer.
- 2) Describe (in words that a freshman engineering student could understand) what a practicing chemical engineer does.