



American Institute of Chemical Engineers

The Western Palmetto Informer

January 2018

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In This Issue:

- Next Meeting:
January 16th
- Open Officer Positions
- 2017-18 Officers and Executive Committee
- 2017-18 Calendar of Events
- Clemson Scholarship

Contact Information

Visit our website:
www.aiche.org/wsc

E-Mail us at:
sec@wscaiche.org

January 16th, 2018 -

"Effective control of static electricity and charge dissipation in explosive atmospheres"

This month, we welcome Elizabeth Matthews from Newson Gale Hoerbiger Safety Solutions. She will speak on the topic of static charge dissipation in explosive atmospheres. This will include a discussion on grounding and bonding guidelines included in international codes of practice such as IEC 60079-32-1. She will also discuss challenges caused by the presence of non-conductive materials, surface coatings and other insulating substances and control measures required to provide seamless interfaces with normal plant operation.

Elizabeth Matthews is the Southeast Regional Manager for Newson Gale based in Mount Pleasant, South Carolina. Prior to coming to Newson Gale, she spent eight (8) years with the Carbis Solutions Group. During the last 11 years, she has been directly involved with all aspects of loading and unloading applications and process applications for Gas/Oil, Pharmaceutical, Chemical, Food and Beverage, Paints and Coatings with specific focus on safety driven solutions.

November Meeting Thank-you

WSCAICHE would like to extend a thank you to Billie Mills of Syft Technologies for his very informative and entertaining presentation on Selected Ion Flow Tube Mass Spectrometry (SIFT-MS) to the joint ACS/AICHE meeting in November 2017.

January Meeting Information

TITLE:	Effective control of static electricity and charge dissipation in explosive atmospheres
DATE:	Tuesday, January 16, 2018
TIME:	6:00 PM Social 6:30 PM Dinner 7:00 PM Presentation
LOCATION:	CH2M/Jacobs Engineering Conference Center 200 Verdae Boulevard, Greenville, SC 29607 (864) 920-7300
DIRECTIONS:	From I-385 Exit 37 (Roper Mountain Rd.) Take RMR over Woodruff Rd onto Verdae Blvd. Pass Embassy Suites and turn left at 3 ^d light into the CH2M parking lot behind building Enter Lobby - Meeting room is on the left
DINNER COST:	\$5 for WSCAICChE members \$10 for Non-members

Note that the dinner portion of the meeting is separate. RSVP is only needed if you plan to dine with us.

RSVP is requested by 5PM Friday, January 12, if you plan to dine with us.

Open Officer Positions

We have a couple of unfilled officer positions headed into 2017-2018. Take a look at the position descriptions below, and consider if you are able to help out!

Secretary

- Update monthly newsletter
- Send monthly newsletter to distribution list using MailChimp software
- Collect RSVPs received the weekend before next meeting
- List names from RSVPs and forward to Treasurer

Historian

- Take pictures during meetings
- Update pictures on the website

2017-2018 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 are a member who would like to help out, please contact any of the Officers or Executive Committee members listed below:

POSITION	NAME	COMPANY	E-MAIL
Chair	Marty Milne	PinPoint Solutions	martymilne@gmail.com
Vice-Chair	Mary Ferris	Michelin	maryferris@charter.net
Secretary	VACANT		sec@wscaiche.org
Treasurer	Rick Vogel	Fulcrum BioEnergy	rvogel1@hotmail.com
Webmaster	Conny Walker	GCSD	sec@wscaiche.org
Historian	VACANT		
Former Chair	Jacob Lindler	aeSolutions	jllindler@yahoo.com
Executive Committee	Steve Sferra	Century3	stevesferra@verizon.net
	Karl McCaleb	Mitsubishi	kmccaleb2@bellsouth.net

2017-2018 Calendar of Events

DATE	LOCATION	TOPIC
16 Jan 2018	CH2M	Static Electricity (STS) - Elizabeth Matthews, NewsGale
13 Feb 2018	CH2M	TBD - Professor, Clemson University & Announce Scholarship Winner
13 Mar 2018	CH2M	Total Tank Management and Monitoring - Travis Lunn, RE Mason
10 Apr 2018	CH2M	Process Safety Management Auditing - Bruce Stevens, AMEC
Saturday, 12 May 2018	Sierra Brewery in Asheville	WSCAICHe May Social - Sierra Brewery Tour and Brunch



Photo from November Sift Analysis Meeting

Thanks again to Billie Mills and ACS for the wonderful joint meeting!

Clemson Scholarship Support to Continue

The Executive Committee has again agreed to support a single student enrolled in Clemson's Chemical and Biomolecular Engineering program with a \$1,000 scholarship. The scholarship is open to all ChBE students who will be graduating between August 2018 and May 2019. The scholarship will be awarded during the February 2018 WSCAICHe - Clemson AICHe joint meeting. The application is attached to this newsletter.

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 2018 and May 2019.

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 13, 2018.

Completed applications are due to the Western South Carolina AIChE Section Secretary at sec@wscaiche.org by midnight on January 26, 2018, in PDF or Word format. The Secretary will reply by e-mail on receipt of application.

Name of Student: _____

Student email address: _____ Phone: _____

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

Expected Graduation Date: _____

Course Name	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.