



American Institute of Chemical Engineers

The Western Palmetto Informer

March 2019

Volume 19, Issue 3

In This Issue:

- March Meeting
- Clemson Scholarship Winner
- 2018-2019 Schedule
- February Thank You
- Officers and Executive Committee

Contact Information

Visit our website:
www.aiche.org/wsc

E-Mail us at:
sec@wscaiche.org

If It Isn't Secure, It Isn't Safe

Tim Gale
March 12, 2019

The convergence of Information Technology (IT) and Operations Technology (OT) platforms has exposed modern industrial control systems to increased risk. Cyber threats have the potential to affect multiple layers of protection, including basic process control, process alarms and safety instrumented systems. The OT environment faces unique challenges when attempting to secure its systems. This presentation will explore the connection between cybersecurity and process safety, look at some of the day to day threats the process industry faces and approaches to harden the systems that control and protect our facilities.

Tim Gale, an Industrial Cybersecurity Senior Principal Specialist, has more than 25 years' experience in Cybersecurity, Process Safety and Process Control in the Oil & Gas, Specialty Chemical, Pulp and Paper, Food & Beverage, Pharmaceutical and Mining industries. Tim has performed numerous vulnerability / risk and compliance assessments using the ISA 62443 and NIST CSF standards. Tim is an ISA 62443 Expert, ISA 61511 SFS and his experience in design, commissioning and start-up of process control / process safety systems around the world provides a unique foundation for assessing and evaluating process hazards, control system architectures and cybersecurity risks. Drawing on experience from numerous industrial projects including green & brown-field construction and control system migrations, Tim is responsible for Cybersecurity Data Analysis, Risk Assessment, Industrial Cybersecurity Program development and Cyber-Factory Acceptance Testing.

Meeting Details

March 12, 2019

Social - 6:00
Dinner - 6:30
Presentation - 7:00

RSVP (dinner only)
\$5 - Members
\$10 - Non-Members
sec@wscaiche.org

JACOBS

1041 East Butler Road
Greenville, SC 29607

From I-385 -
Take Exit 34 toward Mauldin
Turn left onto Brookfield Blvd

Clemson Scholarship

Congratulations to Coleman
Gilstrap, the winner of the
2019 WSCAICHe Scholarship.
Thank you to all the Clemson
Chemical Engineering
students that applied.



2018 - 2019 Calendar

DATE	LOCATION	EVENT
3/12/19	Jacobs	Cyber Security
4/9/19	Jacobs	Plan First - Financial Planning Seminar
5/14/19	Thomas Creek Brewery	Spring Social
TBD	TBD	2019 -2020 Planning Meeting

February Meeting Thank-you

WSCAIChE would like to extend a thank you to Dr. Marc Birtwistle from Clemson University for his presentation on Mechanistic Pharmacodynamics.



Officers and Executive Committee

This is YOUR local section of the American Institute of Chemical Engineers. If you have questions or concerns regarding operation of the WSC AIChE, or if you are a member that wants to help out, please contact any of the Officers or Executive Committee members listed below.

POSITION	NAME	COMPANY	E-MAIL
Chair	Mary Ferris	Michelin	maryferris@charter.net
Vice-Chair	Rick Vogel	Consultant	rvogel1@hotmail.com
Secretary	Ashley Sapyta	CEC	sec@wscaiche.org
Treasurer	Vacant		
Webmaster	Jacob Lindler	aeSolutions	jllindler@yahoo.com
Historian	Conny Walker	GCSD	connywalker63@gmail.com
Former Chair	Marty Milne	PinPoint Solutions	martymilne@gmail.com
Executive Committee	Steve Sferra	Century3	steve.sferra@century3inc.com
	Don Gurney	Consultant	degurney@charter.net
	Karl McCaleb	Mitsubishi	kmccaleb2@bellsouth.net