



American Institute of Chemical Engineers

The Western Palmetto Informer

October 2021

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Contact Information

Visit our website:
www.aiche.org/wsc

E-Mail us at:
sec@wscaiche.org
chair@wscaiche.org

Note Meeting Date Change

!!! THURSDAY !!! October 14, 2021

Message from the Chair:

Thank-you to our September speaker, Pete Mento, Mento LLC, for an enlightening look into recent trade economics that have impacted industries across the globe. The insights into the global shipping hold-ups and the impact on the broader economy were fascinating. It was a unique opportunity to look at economic recovery as it is tied to our time in technological history.

Next, we invite you to attend our October meeting for a return to a hard-core engineering topic “Practical Applications of Crossflow Membrane Filtration.” This meeting will be held at Clemson University in partnership with the student section. The students have graciously offered to give tours of the Unit Ops lab during the dinner hour. The tour “groups” will each be one student and one visitor to provide the best distancing.

Over the years we have had a close relationship with faculty at the University, and we have provided scholarships to rising seniors in the Chemical Engineering program. This interaction is helpful to both the students and the local industries looking to hire young, well-trained talent. We continue to rely on the local leadership in the student chapter: Chris Norfolk (faculty representative) and Josh Chong (student chapter chair). Their energy and enthusiasm help to keep us looking ahead!

We look forward to seeing you at Clemson - virtually or in person!

Conny Walker, Chair, WSC AICHE

“Practical Applications of Crossflow Membrane Filtration”

Bill Thompson, Ortec, Inc.

Bill Thompson will provide an overview of crossflow membrane filtration used to separate contaminants and fines. Bill built the first membrane filters in the kaolin industry to recover ultrafine kaolin.

A 1979 Clemson graduate in chemical engineering, Bill has worked in a wide variety of positions ranging from Plant Support, Maintenance, to Process R&D. He has been involved in Process Scale-up, Technology Transfer, and Project Engineering using this technology. He has worked in a variety of industries--from PET X-Ray film, to fertilizers and mineral processing, the Lithium industry and, since 2008, in specialty monomers and polymers with Ortec, Inc. located here in SC. Bill will provide an in-depth explanation how cross flow membrane filtration works and give examples of how it has been applied in the kaolin, lithium and polymer industries.

October Meeting Information

TITLE:	Practical Applications of Crossflow Membrane Filtration
SPEAKER:	Bill Thompson, Ortec, Inc.
DATE:	Thursday, October 14, 2021
EVENT TIMING:	6:00-6:45 PM Tour of Unit Ops Lab (one-on-one with student leaders) 6:30-6:45 PM Dinner 6:50 PM Section Business Meeting 7:00 PM Presentation (in-person or virtual)
LOCATION (in-person event):	Clemson University, Earle Hall -In-person attendance is limited; RSVP for dinner and a show! -Masks required inside campus buildings -Parking passes will be distributed upon arrival; easy parking in lot E-04 at the corner of Williamson Dr & S Palmetto Blvd -those interested in carpooling, please contact Jacob Lindler at vchair@wscaiche.org
LOCATION (virtual event):	ZOOM Connect via link on the WSC AIChE website (registration in advance is recommended)
COST:	No charge for members or guests for this meeting.
RSVP Required for in-person dinner	by 5:00 PM Tuesday, October 12, 2021 https://forms.gle/8ET4yDAVPCqGvF3r5 or Email sec@wscaiche.org or chair@wscaiche.org

New Committees - Finance and Outreach

The WSC AIChE Section is looking for members to join two new committees to better serve our membership and our community.

The **Finance Committee** will oversee the section's investment and banking accounts. The committee will also prepare an annual budget and make recommendations for scholarship amounts, speaker expenses/honorariums, and the like. Austin Crooks, Anastase (Tasso) Ghionis and Anil Wagle are current members. Email treasurer@wscaiche.org for more information or to volunteer your time.

The **Outreach Committee** will explore opportunities to support local schools and to make ourselves known in the broader community. Please contact Tasso Ghionis at sec@wscaiche.org if you have suggestions on what we might become involved with or if you would be willing to serve on this committee.

Open Officer Positions

Webmaster - If you have an interest in enhancing communications and even modest computer/technology skills, the Executive Committee would welcome your assistance with our website. The website is hosted by AIChE, and no programming is required. We need someone to take charge of posting information about upcoming meetings and events.

Historian - If you like taking pictures and plan to attend most meetings this year - this is for you! Your photos will ensure all events are well documented.

2021-2022 Officers and Executive Committee

POSITION	NAME	COMPANY	E-MAIL
Chair	Conny Walker	GCSD	chair@wscaiche.org
Vice-Chair	Jacob Lindler	aeSolutions	jllindler@yahoo.com vchair@wscaiche.com
Secretary	Tasso Ghionis	Omega Chemicals	sec@wscaiche.org
Treasurer	Austin Crooks	Synterra Corp	treasurer@wscaiche.org
Former Chair	Anil Wagle	Retired	Anilwagle123@gmail.com
Newsletter	Bonnie McCourtie	Jacobs	Bonnie.mccourtie@jacobs.com
Webmaster	(open)		
Historian	(open)		

Executive Committee	Karl McCaleb	Mitsubishi	kmccaleb2@bellsouth.net
	Donald P Gurney, Jr., ScD, P.E.	Consultant	degurney@charter.net
	Bill Thompson	Ortec	bthompson@ortecinc.com
	Devon Clymer	Jacobs	Devon.clymer@jacobs.com

2021-2022 Calendar of Events

DATE	LOCATION	TOPIC
November 9, 2021	Innovate Greenville, SC	Platelet Mimetic Strategies Dr. Seema Nanvi
December 2021	TBD	WSCAICHE Holiday Social
January 2022	TBD	PFAS Ruth Albright
February 2022	TBD	TBD Clemson professor
March 2022	TBD	TBD
April 2022	TBD	Plant Tour
May 2022	TBD	WSCAICHE May Social

aChem Expo

The East Tennessee Local Section has advised us that the **eChemExpo**, which to be held October 19-20 in Kingsport, TN, has been postponed. The tentative dates are April 20-21, 2022. For more information, please visit the Expo [website](#).

ACS (American Chemical Society)

Stay in touch with the chemists in the area. November 9 is our joint meeting. <https://westerncarolinas.net>.