



American Institute of Chemical Engineers

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November 2022

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In This Issue:

- Message from the Vice-Chair
- Next Meeting:
November 10 6:30PM
- 2022 Officers and Executive Committee
- 2022-23 Calendar of Events

Contact Information

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Message from the Vice-Chair

Greetings,

I am Jim Young and I am filling in for Bill this month. Thank you to all who attended and joined the October meeting with Don Connelley sharing his expertise on PSM and its application and implications within industry. Particular thanks are due to the Clemson chapter for hosting the meeting.

This coming November 10th, (note it is a Thursday instead of a Tuesday), we are hosting our annual joint meeting with the Western Carolinas American Chemical Society (ACS) chapter. The topic will be Lithium-ion battery technology and safety improvements presented by Brian Morin and Drew Pereira from Soteria Battery Innovation Group. Soteria is a Greenville based consortium of more than 120 members focused on inherently safer separators and current collectors for Lithium-ion batteries and improving their energy density, (soteriabig.com). The meeting will be held at the Management Center on Fluor's campus in Greenville, (see attached directions). I look forward to seeing everyone who can join us in person, and we will continue to also host the presentation online for all who are not able to be present.

As always, if you have any suggestions of meeting topics you would like to see, plant tours, local section activities, or want to help, please reach out to me or any of the officers.

See you on the 10th.

Jim Young, Vice Chair, WSC AIChE

NEXT MEETING - November 10, 2022

Revolutionizing Lithium-ion Battery Safety

The global lithium-ion battery market is projected to hit \$129.3 billion by 2027, presenting a major opportunity for the supply chain, from raw materials to end-users. However, today's batteries are potentially unsafe. Soteria Battery Innovation Group's vision is to enable inherently safe batteries everywhere. As a consortium for the battery industry, Soteria is dedicated to solutions for the root cause of battery safety events, while our technology delivers safety into the hands of the end-users.

Our speaker is Brian Morin, CEO & Co-Founder of Soteria. Dr. Brian Morin received his Ph.D. and M.S. degrees from the Ohio State University and began his career at DuPont and Milliken. Brian loves children and has served as a Guardian ad Litem, serves the youth in his church and hosted foreign orphans in his home. As Co-Founder and CEO, Brian serves the consortium by leading the commercialization of innovative technology.

November Meeting Information

TITLE:	Revolutionizing Lithium-ion Battery Safety
DATE:	Thursday, November 10, 2022
Event timing:	6:00 PM Social 6:30 PM Dinner 7:00 PM Presentation
LOCATION (in-person event):	Fluor Management Center (enter Fluor campus from Mall Connector Road, map available on WSC AIChE website)
LOCATION (virtual event):	Zoom Connect via link on the WSC AIChE website
COST	No charge
RSVP by 11/7/22	RSVP to sec@wscaiche.org or use this link if you plan to join us for dinner.

RSVP by November 7 if you plan to join us for dinner.

Opportunities to Assist

We welcome your participation on any level in this organization. Several committee positions are open, and this year's officers will gladly mentor members who would consider holding officer positions next year.

2022-2023 Officers and Executive Committee

POSITION	NAME	COMPANY	E-MAIL
Chair	Bill Thompson	Ortec	bthompson@ortecinc.com chair@wscaiche.org
Vice-Chair	James Young	Fluor	James.H.Young@fluor.com vchair@wscaiche.org
Secretary	Conny Marlene Walker	Independent	sec@wscaiche.org
Treasurer	Jacob Lindler	aeSolutions	jllindler@yahoo.com treasurer@wscaiche.org
Former Chair	Conny Marlene Walker	Independent	sec@wscaiche.org
Newsletter	Bonnie McCourtie	Retired	Brim502@charter.net
Webmaster	(open)		
Historian	(open)		
Executive Committee	Karl McCaleb	Mitsubishi	kmccaleb2@bellsouth.net
	Donald P Gurney, Jr., ScD, P.E.	Consultant	degurney@charter.net
	Anil Wagle	Retired	Anilwagle123@gmail.com
	Anastase (Tasso) Ghionis	Omega Chemicals	mail@omegachemicalsinc.com
	Devon Clymer	Jacobs	Devon.clymer@jacobs.com
	Ann Marie Jones	Retired	annmjones@aol.com

2022-2023 Calendar of Events

DATE	LOCATION	TOPIC
November 10, 2022	Fluor Management Center	Joint meeting with ACS, Lithium-ion Battery Safety
December 2022	TBD	WSC AIChE Holiday Social
January 17, 2023	Jacobs, Greenville	Vaccine Production
February 14, 2023	Clemson or Greenville TBD	Clemson provides speaker
March 14, 2023	Jacobs, Greenville	TBD
April 2023	TBD	Plant Tour
May 2023	TBD	WSC AIChE May Social
