



*virtu*AIChE®

This month's meeting:

*Primary (with live discussion/live chat) Wednesday, July 26 at 9 pm ET (US) / 1 am GMT
Alternate 1 (with live discussion/live chat) Thursday, July 27 at 7 am ET (US) / 11 am GMT
Alternate 2 (with live discussion/live chat) Thursday, July 27 at 1 pm ET (US) / 5 pm GMT*

Creating a Sustainable Lifecycle for Chemical Manufacturing Plants

By: Ross Gale



As the process industries reassess their operations, most process units, trains, and sites that have been or will be idled can still be assets rather than liabilities. They are an opportunity to take part in a new low carbon-intensity circular economy. In many cases, manufacturing assets are found to be misaligned, resulting in plant closures or write-downs, creating significant financial reserves related to carrying idled assets. Chemical plants that are shut down do not need to be just scrap metal.



Ross Gale is the Vice President and Director of Acquisitions at International Process Plants (IPP), where he is responsible for finding and creating opportunities to repurpose existing manufacturing assets globally. A self-proclaimed “circular economy protagonist,” Ross has over 15 years of commercial and technical experience in the process manufacturing industries and has a bachelor’s degree in business management from Babson College.

All VLS meetings are free to attend and open to all, but registration is required.

July Meeting Registration Information

Primary

(Live Presentation/Live Chat)

July 26 at 9 PM ET (US)/ 1 AM GMT

Register in advance for the

[Primary Meeting](#)

Alternate 1

(Recorded Presentation/Live Chat)

July 27 at 7 AM ET (US) / 11 AM GMT

Register in advance for the

[Alternate 1 Meeting](#)

Alternate 2

(Recorded Presentation/Live Chat)

July 27 at 1 PM ET (US) / 5 PM GMT

Register in advance for the

[Alternate 2 Meeting](#)

After registering, you will receive a confirmation email containing instructions for joining the meeting, along with add-to-calendar links.

Introducing Our May Meeting Raffle Winner!

Every month, a dues-paying member who signed in for the duration of the monthly webinar is selected at random to win a free year of VLS membership (Executive Committee members and previous winners during the current year are ineligible). We are pleased to introduce our May winner – Alan Winstead.

Q: What made you want to be a chemical engineer?

A: I had decided to be an engineer shortly after I started college, and I did really well in chemistry, and not very well in the survey-level courses on mechanics, so that guided me to chemical engineering.

Q: What school(s) did you attend?

A: Rice University

Q: What kind of jobs have you had?

A: I've been in the petrochemical process engineering at engineering firms my entire career.

Q: Where do you live?

A: I live in Houston, as a natural consequence of my employment.

Q: Why did you join the Virtual Local Section?

A: I joined the VLS primarily for the continuing education opportunities.

Opportunities to serve on the AIChE Virtual Local Section's Leadership Team

Steve Treese

The Virtual Local Section (VLS) of the American Institute of Chemical Engineers (AIChE) serves over a thousand chemical engineers worldwide, providing thoughtful programming with an opportunity for ongoing professional contacts. Our section's success happens because of volunteers, such as hosting and advertising the monthly meetings, providing continuing education credits, surveying, and responding to member preferences, orienting new members, holding a student competition, and distributing a newsletter.

The rewards of volunteering in VLS leadership well outweigh the time spent! Honing your soft skills, forming friendships with other leaders, and staying abreast of communication technology changes are just some of the pluses.

This year we will be electing a vice chair, senior vice chair, secretary, and two directors. The chair sequence is four years long, while serving as secretary is a two-year commitment and director terms last three years. Candidates must be a current dues-paying member to serve.

Please contact Steve Treese at streese2560@gmail.com or Fred Fischl at fkfischl@comcast.net if you have any questions or if you have an interest in serving on this remarkable team. My thanks and we look forward to hearing from you!

2023 Intern and Co-op Presentation Competition: Save the Date

The 2023 Intern and Co-op Presentation Competition will be our October meeting. The timeline follows:

- 10/2/2023 - Abstracts due
- 10/9/2023 - Students notified of acceptance
- 10/16/2023 - Presentations due
- 10/19/2023 - "Dry run" to test Zoom connections/audio/video
- 10/25/2023 - Competition

Submit questions to Marc Clithero, Competition Chair, at marc.clithero@btinternet.com.

To submit an abstract go to <https://www.aiche.org/community/sites/local-sections/virtual-local-section/forms/2023-intern-and-co-op-presentation-competition-abstract-submission-form>

AIChE News

The AIChE hosts technical conferences around the world. Check www.aiche.org/conferences for registration and presentation information for this year's events.

Dates	Event
Jul 30 – Aug 3	FOPAM 2023
Aug 1-2	RAPIDxDIPPR DEPLOY Batch-To-Continuous: From Physical Properties to Process Design
Aug 20-24	2023 Safety in Ammonia Plants & Related Facilities Symposium
Sep 4-7	2023 DIERS Fall Meeting
Sep 6-8	8 th International Conference on Accelerating Biopharmaceutical Development (AccBio 2023)
Sep 7	8 th CCPS Canadian Regional Meeting
Sep 11-13	The Chemical Hazards Engineering Fundamentals (CHEF) Overview and The Risk Analysis Screening Tool (RAST) Workshop
Sep 11	CCPS South East Asia Regional Meeting
Sep 14	2023 CCPS Europe TSC Meeting
Sep 17-19	6 th Commercializing Industrial Biotechnology
Sep 19-21	International Congress on Sustainability Science & Engineering (ICOSSE '23)
Sep 20	September 2023 TSC Meeting
Sep 26-28	International Congress on Particle Technology
Sep 26-27	2023 Chemical Ventures Conference
Oct 3-4	2023 Industry 4.0: Digital Transformation Conference (IDTC23)
Oct 4	CCPS Virtual Trinidad & Tobago Meeting
Oct 17-18	2023 Ethylene Middle East Technology Conference (EMET)
Oct 17-19	6 th International Conference on CRISPR Technologies
Oct 18	CCPS and DNV Present Process Safety in Africa
Oct 19-20	CCPS Latin America Regional Meeting
Oct 22-24	2023 AfroBiotech Conference
Oct 24-25	2023 Global Conference on Process Safety and Big Data
Oct 24-26	2023 OTC Brazil

Upcoming VLS Meetings

The VLS has monthly meetings. The following meetings have firm dates and speakers.

Dates	Topic
Jul 26-27	Creating a Sustainable Lifecycle for Chemical Manufacturing Plants
Aug 23-24	Commercializing Innovative Ideas
Sep 27-28	ChatGPT and AI
Oct 25-26	Student Competition
Nov 15-16	Fusion
Dec 13-14	Holiday Social

Past VLS Meetings

The VLS records its monthly meetings and archives them on the AICHE Academy website in case you missed a meeting or are looking for a particular topic. See below for current recordings. To view a recording as a VLS member, click on the link to go to the recording. Checkout and use the “Purchase with Money” option. The cost should show as \$0.00. Purchase the recording.

Date	Event
Apr 2023	Engineering Ethics: Challenges for Innovation and Society
Mar 2023	Alternatives to Toxic Substances
Feb 2023	Introduction to an Atmospheric Radiation Model
Jan 2023	Applied Thermodynamics for CO2 Capture
Nov 2022	Modeling and Digital Twins for Process Development
Oct 2022	Decarbonization of Chemical Manufacturing by CO2 Electrolysis
Sep 2022	Anaerobic Digestion: Sustainability through Organic Waste Management
Aug 2022	Boost Green and Sustainable Chemical Development with AI
Jul 2022	The TurboPy Approach to Learning Python
Jun 2022	Automation Cybersecurity: Connectivity's Double-Edged Sword
May 2022	Evaluating our Assumptions: The Need for Diverse Perspectives
Apr 2022	Lessons on Incident Investigations
Mar 2022	Converting CO₂ into useful products?? What's up with that??
Feb 2022	2022 Student Co-Op and Internship Competition hosted by Noah Meeks
Jan 2022	Biomimicry: Green Chemistry Innovations Inspired by Nature
Nov 2021	Reimagining Energy and the Case for Greening Companies
Oct 2021	Don't Wake Sleeping Dragons: Managing Often-Overlooked Ignition Hazards
Sep 2021	Beyond Unconscious Bias Training: What Works?
Aug 2021	How can nuclear energy help fight climate change?
Jul 2021	Automation of Process Simulation and Data Analytics with MATLAB
earlier meetings	https://www.aidhe.org/node/140121/redux-events

The Virtual Local Section's Executive Committee

Officers

Chair:	Fred Fischl
Senior Vice Chair:	Charlie Brown
Vice Chair Pro Tem:	Arokiaraj Alphones
Immediate Past Chair:	Steve Treese
Secretary:	Laura Gimpelson
Treasurer:	Jacob Matthews

Directors

Member Care	Andrew Riederer
Programming	Kirsten Rosselot
Newsletter	Shannon Brown
Member Feedback	Dhananjay Ghonasgi
Publicity/Website	Paul Adamson
Student Competition	Marc Clithero

Contact info for VLS leadership:

<https://www.aiche.org/community/sites/local-sections/virtual-local-section/leadership>

Did You Know?

You can visit [the VLS website](#) for more information on the Virtual Local Section's mission, activities, and membership. Also at this website, AIChE student members and VLS members can watch previous webinars for free.

Subscription Information

Current fully paid members of the Virtual Local Section receive this newsletter. If you wish to update your email address, contact the AIChE's New York Office for Permanent Address Corrections at xpress@aiiche.org or 1-800-242-4363.

Continuing Education Credits

Members of AIChE can receive 1 hour of continuing education/professional development credit for attending Virtual Local Section webinars. Send your name, the certificate number on your professional engineer's license, and the licensing entity (state or country) in which you are licensed to our Secretary, Laura Gimpelson (at lg_environmental@bellsouth.net), to receive one hour of continuing education credit for attending this meeting.