



*virtu*AIChE®

This month's meeting:

Primary (with live discussion/live chat) Wednesday, Apr 22 at 9 pm ET (US) / 1 am GMT

Alternate (with live discussion/live chat) Thursday, Apr 23 at 1 pm ET (US) / 5 pm GMT

Engage in the Future of Your Profession

facilitated by Aaron Sarafinas

Principal, Sarafinas Process & Mixing Consulting LLC

What will chemical engineers be working on over the next 30 years? How will chemical engineers be working differently? What sorts of skills will the chemical engineers of tomorrow need to learn and develop?

The National Academy of Sciences, Engineering, and Medicine (NASEM) is looking for your input on those questions and more as they conduct a study that will “outline an ambitious vision for chemical engineering research, innovation, and education that will guide the profession for the next 30 years.”

The AIChE's Virtual Local Section is hosting this meeting so that rank-and-file AIChE members have an opportunity to provide input to NASEM's study. Our chemical engineering community can provide valuable insights into how we see our jobs changing in focus, content, and execution. Our thoughts on how chemical engineers can respond to societal and industry trends are exactly what NASEM is seeking. This online meeting will be held two times so that you can attend the one that is most convenient for you. Join us for a different kind of Virtual Local Section meeting and help shape the future of chemical engineering!

For more information about NASEM's study, visit: <http://nas-sites.org/dels/studies/chemical-engineering-in-the-21st-century-challenges-and-opportunities/>

Aaron Sarafinas is a recognized expert in process development and mixing technology. He left Dow/Rohm and Haas after almost 36 years of being the bridge between the R&D lab and production units for many different business areas on a wide variety of processes. He formed Sarafinas Process & Mixing Consulting LLC in June 2018 so clients can achieve faster process development, scaling, and troubleshooting while leveraging advantaged mixing technology. He has facilitated many large idea-generation events, both for in-person and virtual participants.

Note that starting this month, registration for VLS meetings is required.

Our meetings are still free to attend and open to all.

April Meeting Registration Information

Primary

(Live Discussion/Live Chat)

Apr 22 at 9 PM EST / 1 AM GMT

Register in advance for the [primary meeting](#)

Alternate

(Live Discussion/Live Chat)

Apr 23 at 1 PM EST / 5 PM GMT

Register in advance for the [alternate meeting](#)

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

We're in this together

The ongoing COVID-19 situation has provided us with a reminder that even in uncertain times, AIChE is a diverse community of people who lead, create, inspire and learn—together. AIChE is here to help. Knowing that many of our members are working virtually, AIChE has created this page to act as a hub for online content, access to communities, and communication updates. [Learn more.](#)

Fight Against COVID-19

A Call for Personal Protective Equipment in the Fight Against COVID-19. Can you donate supplies to help fight COVID-19, or manufacture protective equipment, such as masks? [Learn more about how you can help.](#)

RAPID Manufacturing Institute Virtual Information Session

RAPID is working to transform the process industries. Interested in joining the RAPID community? Attend the RAPID Virtual Information Session on Tuesday, April 28 from 3-4pm ET to learn more. [Click here for more information.](#)

Engineering to Management Transition

Transitioning to a management role in your organization? We have gathered some helpful blog posts and series with information and advice on how to successfully make the change from engineer to manager. [Learn more.](#)

Impact

Dr. Joan Brennecke and José Bravo: Doing a World of Good. In this Doing a World of Good, Raj and Kamla Gupta Podcast episode, Dr. Joan Brennecke and José Bravo discuss the importance of distillation technology. [Listen to this podcast and more.](#)

Chemical PE Exam Review Course

New course to help you prepare for the PE Chemical Exam. The material has been selected to align with exam topics published by NCEES, the creators of the exam. Learn more about Chemical PE Exam [Review course here.](#)

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
Apr 15	Teach the Geek to Speak
Apr 16 – 18	2020 Colombia Student Regional Conference
Apr 17 – 18	2020 North-Central Student Regional Conference
Apr 24 – 25	2020 Pacific Northwest Student Regional Conference
Apr 24 – 25	2020 Mid-Atlantic Student Regional Conference
Apr 28	RAPID Manufacturing Institute Virtual Information Session
May 4 – 7	Offshore Technology Conference
May 13	Risk Reduction through Quantitative Risk Assessment
May 18 – 20	6 th Conference on Constraint – Based Reconstruction and Analysis (COBRA 2020)
May 27	Computer – Aided Process Intensification: Challenges, Trends and Opportunities

Upcoming VLS Meetings

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

Dates	Topic
May 2020	Dynamic Simulations for Process Safety and New Operator Training
June 2020	AI in Engineering
July 2020	Julia Programming Language

Past VLS Meetings

The VLS records its monthly meetings and AIChE archives them on the AIChE Academy website in case you missed a meeting or are looking for a particular topic. See below:

Date	Event
Feb 2020	DIERS data/standards in HAZOPS of two phase flow
Jan 2020	A Brief History of Measurement
Nov 2019	Using Thermal Imaging to Guard Industrial Facilities
Oct 2019	Python for chemical engineers: Getting started
Aug 2019	Reactive Chemical Hazards
Jul 2019	Should I Py or Should I Fortran?
Jun 2019	Design Considerations for Organic Electronic Materials and Devices
May 2019	Why Can't You Compete Without Virtual/Augmented Reality in Your Plant
Apr 2019	The Chemistry of Bourbon: The "spirit" of molecules
Mar 2019	Demystifying Professional Engineering Licensure and How to Put it to Work for you
Feb 2019	Municipal Wastewater and Sludge Are a Resource, Not a Waste: Coping with Tightening Water Supplies and Limited Landfill Availability

4th Annual Beer Brewing Competition (ABBC)

The 4th Annual Beer Brewing Competition (ABBC) AICHe local sections will be taking place at the 2020 AICHe Annual Meeting in San Francisco, CA in November. The registration process for the 2020 ABBC will be opening in late Spring. Since it takes time to put together a team of brewers, you can start recruiting teammates and coordinating your brews early. To learn more about the ABBC, go to www.aiche.org/community/awards/aiche-beer-brewing-competition.

The VLS Executive Committee has approved the first VLS team for 2020, led by Cato Laurencin and includes YP Mike Lambert.

The Virtual Local Section's Executive Committee

Officers

Chair:	Dan Lambert
Senior Vice Chair:	Paul Adamson
Vice Chair Pro Tem:	Aaron Sarafinas
Immediate Past Chair:	Kirsten Rosselot
Secretary:	Laura Gimpelson
Treasurer:	Jennifer Brand

Directors

Member Care	Louis Mielke
Publicity	Paul Shuey
Newsletter	Mario Arredondo
Programming	Richard Evans
	Scott Clarke
Member Feedback	Paul Wissmann

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](#), to receive one hour of continuing education credit for attending this meeting.