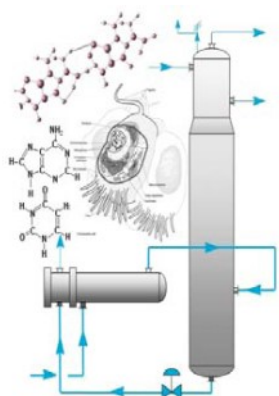


# AICHE Chicago Section

## February 2023 Newsletter



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## **AICHE Chicago February Meeting**

### ***Enhancing Safety and Fast Charge of High Energy Li-ion Batteries***



***Said Al-Hallaj, PhD***

***Chief Battery Scientist, Beam Global***

***Research Professor of Chemical Engineering, University of Illinois at Chicago***

**Date:** ***Tuesday, February 21, 2023***

**Location:** ***Virtual Zoom Meeting***

**Cost:** ***Free***

**Registration and Information:**

[Click to View Event Summary and Register](#)

### **Agenda:**

#### **DATE**

- 5:30 PM: Zoom Meeting opens
- 5:45 PM: Section Announcements
- 6:00 PM: Technical Presentation
- 7:00 PM: Virtual Networking

## Chair's Corner

We know we are always stronger together. Feb is Black History Month and also comes with the celebration of National Engineers Week on February 19-25, 2023. Founded by NSPE (National Society of Professional Engineers) in 1951, Engineers Week is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers. Black History Month is an annual celebration of achievements by African Americans and a time for recognizing their central role in U.S. history.



Take a look at the statistics of Black students entering chemical engineering and learn how AIChE is working to strengthen Black representation in the profession through STEM scholarships, such as the FOSSI program and more (<https://futureofstemscholars.org/FOSSI/about>).

I hope everyone had a great time at the January joint meeting with the Chicago Section of American Chemical Society (ACS). For February meeting, we are pleased to host a virtual meeting on Feb 21 and this meeting will be free to the public, and PDHs will be awarded for attendance of the technical presentation so please plan to join the meeting as well as take this opportunity to invite your friends to give them exposure to our monthly meetings.

The MRC committee has been making great progress (<https://www.aiche.org/conferences/midwest-regional-conference/2023>) and we cannot wait for all of you to experience the conference first hand soon. You can find more details on keynote speakers, full two-day technical program, and a call for volunteers on the website. Besides traditional chemical engineering sessions, the program includes current high-interest topics on environment and climate solutions, machine learning, and energy storage. Registration is currently open at <https://www.aiche.org/conferences/midwest-regional-conference/2023>. Please pass along the words to your colleagues to attend the conference and consider joining the Chicago Section. Please feel free to reach out to Conference Chair, Dr. Jessica Morris at [jmorris@exponent.com](mailto:jmorris@exponent.com), if you would like to get involved in any capacity.

As always, I am requesting your support and ideas to help us do better and share your perspective on what you would like us to do more. Please reach out to us on [aichechicago@gmail.com](mailto:aichechicago@gmail.com) with your ideas/suggestions/comments/questions- everything is welcome. Thanks again for your continued support and I am looking forward to a wonderful 2023.

Sarika Goel

AIChE Chicago Section Chair

AIChE Senior Member

## February Meeting Speaker Information

### Enhancing Safety and Fast Charge of High Energy Li-ion Batteries

#### Speaker's Bio:

Said Al-Hallaj is the Chief Battery Scientist of Beam Global company (Nasdaq: [BEEM](#), BEEMW), Co-founder and CEO of AllCell Technologies LLC (recently acquired by Beam Global), Founder and CEO of NETenergy, a thermal energy storage company, and a Research Professor of Chemical Engineering at the University of Illinois at Chicago (UIC). Dr. Al-Hallaj earned his bachelor and master's degrees in chemical engineering from Jordan University of Science and Technology (JUST) and a Ph.D. in chemical engineering from the Illinois Institute of Technology (IIT). Said co-authored a book entitled "Hybrid Hydrogen Systems" and has published several book chapters and numerous numbers of peer reviewed and conference journal papers with >12,000 literature citations. Said is a serial entrepreneur, and his R&D effort has led to the successful commercialization of several clean-tech technologies.



#### Abstract:

With emerging trends in transportation electrification, fast charging of high energy Li-ion battery can help to break through the bottleneck of its widespread adoption. Rapid charging 50% of battery capacity within 10-15 minutes, commonly referred to as 'filling the tank' experience, could dramatically reduce the vehicle downtime as well as the overall battery pack size, especially for fleet vehicles.

In this work, an intelligent battery thermal management (iBTM) technology expands on the current use of phase change composite (PCC) technology for thermal management and safety of Li-ion batteries. Our group has successfully commercialized a passive Li-ion battery thermal management technology using phase change material (PCM) that is micro-encapsulated within an expanded graphite matrix. The PCC technology is an elegant passive thermal management solution that can enhance battery performance, extend cycle life, and prevent thermal runaway propagation.

Registration: [Link](#)



# 15TH AICHE MIDWEST REGIONAL CONFERENCE

## Topic :

- Energy Storage
- Green Engineering & Climate Solutions
- Advances in Refining & Biorefining Technology
- Catalysis & Reaction Engineering
- Process Safety
- Machine Learning & Optimization

 **April 11-12, 2023**

 **University of Illinois, Chicago**

## Important Dates

- Abstract Submission Deadline: February 24, 2023
- Acceptance Status: March 3, 2023
- Early Bird deadline: March 5, 2023
- Draft Presentation: March 17, 2023
- Poster Submission: April 5, 2023

## Register Now at:



<https://www.aiche.org/conferences/midwest-regional-conference/2023/registration-information>

## KEYNOTES SPEAKERS



### Rep. Sean Casten

U.S. Representative  
Illinois 6th Congressional District



### Susan Babinec

Program Lead – Stationary Storage  
Argonne National Lab



### Frank Zhu

Senior Fellow  
Honeywell UOP



### Quinta Warren

Associate Director of Sustainability  
Policy  
Consumer Reports

## Abstracts



<https://aiche.confex.com/aiche/mrc15/cfp.cgi>



# CALL FOR ABSTRACTS

## AICHE MIDWEST REGIONAL CONFERENCE 2023

APRIL 11 -12 @ UNIVERSITY OF ILLINOIS AT CHICAGO

ABSTRACT SUBMISSION  
DEADLINE: FEBRUARY 24, 2023



### TOPICS INCLUDE:

- ADVANCES IN REFINING & BIOREFINING TECHNOLOGY
- BIOENGINEERING & NANOTECHNOLOGIES
- CATALYSIS & REACTION ENGINEERING
- ENERGY STORAGE
- ENVIRONMENTAL COMPLIANCE & REMEDIATION
- FLUID PROPERTIES, FLUID DYNAMICS, & TRANSPORT PHENOMENA
- GREEN ENGINEERING & CLIMATE SOLUTIONS
- MACHINE LEARNING & OPTIMIZATION
- POLYMER SCIENCE
- PROCESS SAFETY & OCCUPATIONAL HEALTH
- OTHER EMERGING TOPICS IN CHE





## MRC-15 April 11-12, 2023

The AIChE Midwest Regional Conference (MRC) continues into its 15th year. Organized by the [Chicago Local Section](#) and hosted at the [University of Illinois Chicago \(UIC\)](#), MRC-15 provides an opportunity for engineers and scientists in the region and beyond to learn about new technologies and refresh their knowledge, as well as network with peers. Abstracts may be submitted for the following topics:

- Advances in Refining & Biorefining Technology
- Bioengineering & Nanotechnologies
- Catalysis & Reaction Engineering
- Energy Storage
- Environmental Compliance & Remediation
- Fluid Properties, Fluid Dynamics, & Transport Phenomena
- Green Engineering & Climate Solutions
- Machine Learning & Optimization
- Polymer Science
- Process Safety & Occupational Health
- Other Emerging Topics in ChE

### Submission Timeline

**Abstract Submission Deadline:** Friday, February 24th, 2023

**Acceptance Status:** Friday, March 3rd, 2023

**Draft Presentation:** Friday, March 17th, 2023

**Poster Submission:** Wednesday, April 5th, 2023

[Submit Abstract](#)

MRC is currently scheduled to be held *in-person* at UIC. Any changes to conference format will be announced as early as possible. The planning committee is continuing to monitor local, state, and federal guidance related to in-person conferences. COVID-19 safety protocols will be provided in the weeks leading up to the conference.

# ENGINEERING CAREER DAY for high school students

**SAVE THE DATE – APRIL 11<sup>th</sup> OR 12<sup>th</sup>, 2023**  
UIC Student Center East

**AIChE**  
MIDWEST REGIONAL  
CONFERENCE

Presented by:  
American Institute of Chemical Engineers  
& UIC College of Engineering

**UIC ENGINEERING**

**REQUEST TICKETS HERE:** <https://forms.gle/nVQgcVQxe6g5JmVs6>

Don't delay. Both days fill up fast!

## TENTATIVE PROGRAM

April 11<sup>th</sup> or 12<sup>th</sup>, 2023 | 8:30 AM – 1:30pm

### **Engineering Expo**

Meet with current engineering students and check out their current projects

### **Exploring Engineering Careers**

Learn about how engineers contribute to all aspects of society

### **Team Building Exercise**

Collaborate with other students to complete a hands-on engineering task

### **Engineering Lunch**

An opportunity for one-on-one discussions with engineering professionals and students

### **Keynote Speaker – Valarie King-Bailey, MBA**

We are pleased to announce Valarie King-Bailey, CEO of OnShore Technology Group as our Keynote Speaker. Hear her personal perspective of being an engineer!

### **Engineering Panel Session**

Learn about the day-to-day activities of practicing engineers and engineering students. Time to ask your most burning questions!

**Only 200  
students per day!**



## **Questions?**

Please contact: [aiche.chicago.outreach@gmail.com](mailto:aiche.chicago.outreach@gmail.com)

Hosted by:

**UIC** UNIVERSITY OF  
ILLINOIS CHICAGO



## 2023 AIChE North Central Regional Conference

### Hello!

The student chapter of the American Institute of Chemical Engineers (AIChE) at the University of Illinois Chicago is excited and honored to host the 2023 AIChE North Central Regional Student Conference, to be held March 31–April 1, 2023. We are writing to ask for your support.

AIChE's Regional Student Conference is an annual event that attracts the best and the brightest engineering students from colleges and universities across the Midwest. The goal of this event is to provide an opportunity for serious-minded students to come together to share their technical knowledge, compare notes on their university experiences, talk about plans for the future, and meet with industry professionals. The highlights of the meeting are the Chem-E-Car Competition, ChemE Jeopardy, presentation, and poster competitions, as well as interesting and educational workshops. Students from visiting universities prepare entries, and the winners travel to AIChE's Annual Meeting to compete against the first-place winners in AIChE's eight other regions.

Over 25 different universities from 6 different states are invited to take part in the North-Central Regional Conference. We will provide food and merchandise for visiting students and volunteers. Based on past regional student conference expenses and initial decisions with service providers, our budget is approximately \$35,000.

As a sponsor of the event, your company would be recognized in the student program and your logo displayed during the conference. A representative from your company will also be invited to attend the event where they will be publicly recognized.

We hope you will join us for the conference with the Career Fair to be held on April 1, 2023. We look forward to hearing from you. If you would like to know more about the conference, please contact us by email at [aichenc23@gmail.com](mailto:aichenc23@gmail.com).

Sincerely,  
Abigail Hartzell  
2023 AIChE North Central Regional Conference Head Chair  
Student Chapter President of AIChE's Chapter at UIC



## 2023 AIChE North Central Regional Conference

# Who Will Attend?

Over 400 students from the following Universities are invited!

Case Western Reserve University Student Chapter  
Cleveland State University Student Chapter  
Illinois Institute of Technology Student Chapter  
Kettering University Student Chapter  
McMaster University Student Chapter  
Miami University Student Chapter  
Michigan State University Student Chapter  
Michigan Technological University Student Chapter  
Northwestern University Student Chapter  
Ohio State University Student Chapter  
Ohio University Student Chapter  
Purdue University Student Chapter  
Rose-Hulman Institute of Technology Student Chapter  
Trine University Student Chapter  
University of Akron Student Chapter  
University of Cincinnati Student Chapter  
University of Dayton Student Chapter  
University of Illinois, Chicago Student Chapter  
University of Illinois, Urbana, Student Chapter  
University of Michigan-Ann Arbor, Student Chapter  
University of Minnesota, Duluth, Student Chapter  
University of Minnesota, Minneapolis Student Chapter  
University of Notre Dame Student Chapter  
University of Toledo Student Chapter  
University of Wisconsin - Stevens Point Student Chapter  
University of Wisconsin - Madison Student Chapter  
Wayne State University Student Chapter  
Western Michigan University Student Chapter  
Youngstown State University Student Chapter



## 2023 AIChE North Central Regional Conference

### 2023 AIChE North Central Regional Conference Event List

#### Chem-E-Car Competition

Students spend months working to perfect a car that runs on a chemical reaction. There are many rules and guidelines students must follow including a given distance their car must travel (which they do not learn until the day of the event)!

Many students are involved in research or innovative projects that utilize the principles of chemical engineering. This competition allows students to present a poster and speech showcasing their findings.

#### Poster Competition

#### Student Technical Presentation (Paper) Competition

This competition also allows students to present their hard work and learnings from their undergraduate research experience. This competition involves a longer, more in depth look into their projects.

Teams of students compete against different universities by working together to showcase their immense knowledge of chemical engineering in a fun take on the classic game of Jeopardy.

#### ChemE Jeopardy

#### Workshops

Attending students are invited to a variety of workshops to help with both personal and professional development. Workshop topics can range from leadership skills to the various fields within chemical engineering!

Students, companies, and universities are invited to participate in a career fair. Tables are available for companies and universities to speak with students at the conference, collect resumes, and find students interested in jobs, internships, graduate programs, and more!

#### Career Fair

## 2023 AIChE North Central Regional Conference

# Why be a Sponsor?

The 2023 AIChE North Central Regional Conference has the backing and support of the American Institute of Chemical Engineers (AIChE). Your company can join this select group of allies and show yourself as an organization who has a high impact on social responsibility and encourages quality of education and research.

## Sponsorship Options

There are a variety of ways in which your company could help contribute to the 2023 AIChE North Central Regional Conference at UIC. See options listed below:

- Gold Sponsor
- Silver Sponsor
- Bronze Sponsor
- Career Fair Participant

\*\* All monetary donations will go towards planning and preparation elements for the Regional Conference, such as venue costs, supplies for competitions, food provided, merchandise for attendees and volunteers, etc.\*\*





## 2023 AIChE North Central Regional Conference

# Want to contribute more or in a different way?

There are other ways your company can contribute to help make our conference a success!

- Provide a workshop that focuses on educational, personal, or professional growth for students
- Provide branded giveaways or other items to be included in conference swag bag
- Serve as a judge for one of the multiple competitions

Have another idea of how you would like to help?

Just let us know!

We sincerely appreciate your time and any contribution possible!



**UIC Engineering Innovation Building (EIB)**

929 W Taylor St, Chicago, IL 60607



**Telephone**

+1 312-996-3424



**Website**

[www.aichenc23.wixsite.com/aiche-north-central](http://www.aichenc23.wixsite.com/aiche-north-central)

[www.uic.edu](http://www.uic.edu)

UNI

## ***James Rekoske Elected to National Academy of Engineering***

*Originally Posted on AIChE ChEnected on Feb. 13, 2023*

### [AIChE Members Elected to NAE's Class of 2023](#)

The U.S. National Academy of Engineering (NAE) has announced its new members for 2023. Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Newly elected members will be formally inducted during the NAE's annual meeting on Oct. 1, 2023. To learn more about this year's NAE class, visit [NAE](#).



**James E. Rekoske**

James E. Rekoske, Senior Vice President, Global RD&E Industrial, Ecolab, Glenview, IL — "For leadership in development and implementation of petrochemicals, renewable fuel, alternative energy, and water conservation technologies."

[Connect with James on Engage.](#)

Several members of AIChE were among the prestigious class, including one of our local colleagues, Jim Rekoske.

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## ***National Engineers Week***

National Engineers Week is February 19-25, and the 2023 theme is Creating the Future. Read more about [National Engineers Week](#).





**February is Black History Month** The Library of Congress, National Archives and Records Administration, National Endowment for the Humanities, National Gallery of Art, National Park Service, Smithsonian Institution and United States Holocaust Memorial Museum join in paying tribute to the generations of African Americans who struggled with adversity to achieve full citizenship in American society.

[Read More »](#)

## **Charles Pierce: A Name Every Chemical Engineer Should Know**

*Originally Posted on AIChE ChEnected on Feb. 28, 2021*



During the formative era of the profession, and years before the establishment of AIChE (1908), only a handful of universities offered a formal course of study in the new field of chemical engineering. Illinois Institute of Technology (IIT) was one of them, and in 1901 the school granted its very first chemical engineering degree to a man named Charles Warner Pierce.

### *Among the earliest chemical engineers*

Charles Pierce (1876–1947) was not only one of the first to receive a chemical engineering degree anywhere, but he was also the first African American at any institution to receive a degree in the subject.

Pierce's place in the profession's history had faded from memory for a full century until IIT's chemical engineering department began rediscovering its heritage in the early 2000s in preparation for its centennial. That's when university records revealed the name Charles Pierce as the first holder of the school's chemical engineering degree.

In 2007, IIT's Chemical and Bioengineering Department honored Pierce with its Distinguished Alumni Award, at a ceremony attended by some of Pierce's descendants.

[Read Complete Article and More on AIChE ChEnected »](#)



## **Strengthening the Future Pipeline of Black Engineers**

*Originally Posted on AIChE ChEnected on Feb. 2, 2022*



In 2021, AIChE played a key role in launching the Future of STEM Scholars Initiative ([FOSSI](#)). Created in partnership with the American Chemistry Council, Chemours Company, and HBCU Week Foundation, FOSSI provides scholarships of \$40,000, along with mentorship, to students pursuing [preferred STEM degrees](#) at Historically Black Colleges and Universities (HBCUs). With the sponsorship of chemical manufacturers and related industry stakeholder, FOSSI awarded 151 scholarships in its inaugural year — with a goal of supporting 1,000 scholars by 2025.

FOSSI aims not only to enhance the career prospects of Black chemical engineers but also to strengthen and extend the pipeline for the engineering and STEM professions by creating a fully diverse workforce. To understand why programs like FOSSI are important, it is helpful to know something about the current state of enrollments in STEM professions among minority engineers.

### *The history of MAC*

Let's begin at the November 2021 AIChE Annual Meeting in Boston, MA, where members of AIChE's Minority Affairs Committee (MAC) gathered at a special session to celebrate, belatedly, MAC's 30th anniversary. The event featured testimonials from past leaders of MAC, who lauded the efforts of those AIChE members who, over more than 50 years, had worked to raise the visibility and advance the professional prospects of minority engineers.

Formally established in 1990, the Minority Affairs Committee advocates for minority engineers within and outside of AIChE — providing a space for networking and mentorship among Black and other minority engineers at all career stages. For many minority engineers, MAC has been a professional lifeline.

Today, during a time of heightened awareness of racial disparities, MAC is redoubling its efforts to expand inclusion within the broader community, and to reach those who remain underrepresented in chemical engineering and STEM professions.

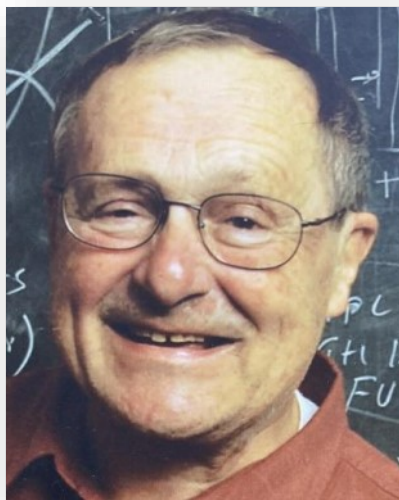
Histories published by AIChE, including a February 2022 CEP Magazine article about MAC, have underscored the progress made by Black engineers in the profession. The histories also underscore that, in spite of this progress, Black chemical engineers remain underrepresented.

[Read Complete Article and More on AIChE ChEnected »](#)

## Remembering Professor Dimitri Gidaspow

We are deeply saddened to share news of the passing of Dr. Dimitri Gidaspow. Professor Gidaspow was a member of AIChE for over 60 years and esteemed colleague within the local section. He was the recipient of the 2005 Thiele Award as well as many other AIChE awards. Our sympathies and thoughts are with his family and friends during this time.

AIChE Chicago Section



[Dimitri Gidaspow Obituary \(2023\) - Northbrook, IL - Chicago Tribune \(legacy.com\)](#)

Dr. Dimitri Gidaspow, Distinguished Professor, Emeritus. 88, of Northbrook, passed away January 9, 2023 after a long battle with prostate cancer. He was the beloved husband for 62 years of Helene Gidaspow nee Tscharkowskaja; loving father of Michael (Julie) and cherished grandfather of Alex and Zach.

Dimitri was born in Ukraine and moved to Germany with his family during the second World War. After spending a few years in Germany, he had an opportunity to come to the United States on the USS General Muir in 1949 and he never looked back. Dimitri graduated from Seward Park High School in New York at the top of his class in 1952, received a Bachelor's of Science in Chemical Engineering from City College of New York in 1956, followed by a Master's in Chemical Engineering from the Polytechnic Institute of Brooklyn in 1959 and finally a Ph.D. from the Illinois Institute of Technology (IIT) in 1962. Dimitri found a home in Chicago and at IIT, where he loved researching and teaching students. During his career, he received 10 patents, wrote 4 books and over 200 publications, had almost 20,000 citations, but his most proud achievement was his 52 supervised Ph. D candidates.

What made Dimitri special, besides his extraordinary contributions to science were his honesty, generosity and integrity. Dimitri loved swimming, especially in the ocean or Lake Michigan. He also enjoyed skiing, gardening, traveling all over the world and going out to dinner. He also loved learning about history with a special focus on World War 2. Recently, he really enjoyed teaching his grandsons about history. Dimitri will be missed by all of us, but we know that he lived a full and enjoyable life.

*Published by Chicago Tribune on Jan. 15, 2023*

## **NOMINATIONS REQUESTED FOR THE ERNEST W. THIELE AWARD**

The Ernest W. Thiele award is sponsored by bp and recognizes the outstanding contributions to our profession by a Midwest region chemical engineer. This award was established by the AIChE Chicago Section and is presented annually to a Midwest region AIChE member. This internationally recognized award consists of an engraved plaque and \$1,000 honorarium presented at a monthly section meeting.

Nomination forms and additional information can be obtained from the Thiele Committee Chair. Completed nominations are due to the committee chair no later than **April 01, 2023**.

One of the highest honors a distinguished chemical engineer can receive is our AIChE Chicago Section Thiele award. Please consider nominating a deserving engineer for this prestigious award.

More information about this award and the past winners:

<https://www.aiche.org/community/sites/chicago-local-section/ernest-w-thiele-award>

<https://www.aiche.org/community/sites/local-sections/chicago/thiele-award-past-winners>

To nominate, please contact:

Jeffrey Zalc  
bp Solutions, P&O  
phone: 630.881.5478  
email: [jeffrey.zalc@bp.com](mailto:jeffrey.zalc@bp.com)

## **Attention Students and Parents!**

If you are an undergraduate chemical engineering student or have a son or daughter that plans to study chemical engineering you may be interested in the Chicago Section's scholarship program.

Applications are due **March 15th**.

Please [click here](#) to read rules and eligibility.

For a Link to the Electronic Version of the AIChE Chicago Scholarship Application Form, Click on the Link Below:

<http://form.jotform.us/form/42814483647159>





## **2023 Meeting Schedule and Speakers**

Month	Date	Speaker	Affiliation	Topic
<b>February</b>	Tues 21st	Said Al-Hallaj	Beam Global & UIC	Enhancing Safety and Fast Charge of High Energy Li-ion Batteries
<b>March</b>	TBD	TBD	TBD	TBD
<b>April</b>	TBD	TBD	TBD	TBD

## **Upcoming AIChE Conferences, Meetings and Webinars**

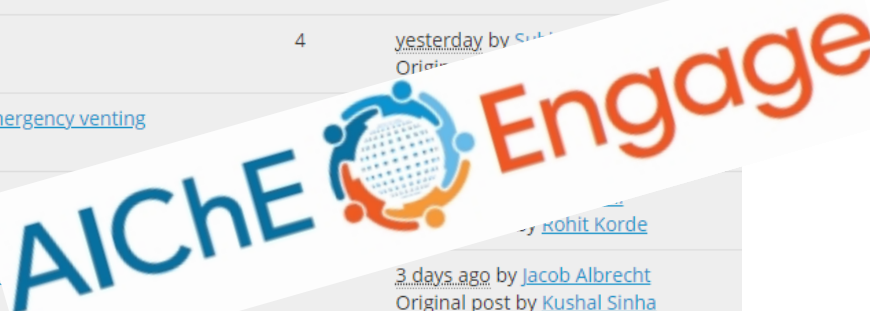
### **AIChE Conferences**

Mar 12-16, 2023	<a href="#">2023 Spring Meeting and 19th Global Congress on Process Safety</a> , Hilton of the Americas, George R. Brown Convention Center, Houston, TX
Mar 26-30, 2023	<a href="#">AIChE/ACS Frontiers of Chemistry, Materials Science &amp; Chemical Engineering for Circular Economy</a> , Indianapolis, IN
Mar 31-Apr 2, 2023	<a href="#">2023 North Central Student Regional Conference</a> , University of Illinois at Chicago, IL
Apr 11-12, 2023	<a href="#">15th AIChE Midwest Regional Conference</a> , University of Illinois at Chicago, IL
Apr 17-18, 2023	<a href="#">2023 Rock Stars of Regenerative Engineering</a> , Sanford Consortium for Regenerative Medicine, San Diego, CA
Apr 18-20, 2023	<a href="#">4th Engineering Cosmetics and Consumer Products Conference</a> , Crowne Plaza Princeton Conference Center, Plainsboro, NJ
Apr 19-21, 2023	<a href="#">2023 DIERS Virtual Spring Meeting</a> , Virtual

## [Connect with members & participate in discussions on Engage!](#)

Check out AIChE's member benefit, AIChE Engage. Use the robust directory search to find and connect with members. Participate in technical, career, and academic discussions about chemical engineering.

Thread Subject	Replies	Last Post
<a href="#">Improving Soft Skills Through Mentorship article- Aiche/CEP December 2020 CEP</a>	0	9 hours ago by <a href="#">Christopher Semonelli</a>
<a href="#">PhD Thesis</a>	4	yesterday by <a href="#">Seth</a> Original post by <a href="#">Seth</a>
<a href="#">Pressure setting for manway cover for tank emergency venting</a>		
<a href="#">Digitalization in the process industry</a>		by <a href="#">Rohit Korte</a>
<a href="#">Slow Progress of New-Age Tools in Chemical E</a>		3 days ago by <a href="#">Jacob Albrecht</a> Original post by <a href="#">Kushal Sinha</a>



## ***Volunteers Needed for Chicago Local Section***

How many opportunities can you find to learn project management, delegation and leadership skills for free? Volunteering with the Chicago Section of AIChE is such an opportunity. While you're learning new skills, your professional network grows. Just about all of us are either undergoing a career change, contemplating a career change, or are wondering if our career will be changed for us. Volunteering with AIChE is a way to add skills and accomplishments to your resume.

Volunteers are needed to help with:

- Programming – arrange speakers for monthly meetings, and arrange catering and venues
- Logistics – arrange catering and venues
- Newsletter Editor – prepare and publish ten monthly newsletters
- Newsletter Contributions – write meeting summaries, contribute photos, and more
- Engineering Outreach – coordinate three annual K-12 outreach events with high schools and colleges
- Professional Development and Sponsorship – arrange companies to sponsor pre-meeting talks to help fund student dinners
- Awards and Scholarship Committees – Review applications for local Section award and scholarships
- Midwest Regional Conference – many opportunities including programming, logistics, website, advertising, sponsorship, high school outreach, poster session and more!
- Young Professionals – plan socials and programming for young professionals (under 35)



If you are interested in any of these positions, please contact us [aichechicago@gmail.com](mailto:aichechicago@gmail.com).

## **Why Renew Your AIChE Membership?**

[Renew Membership](#)

**Renew your membership now to keep learning and growing.**

**Stay Connected to 40,000+ international members who take advantage of:**

- Subscription to AIChE's flagship publication: CEP\*
- Education—Access to e-learning courses and instructor-led training, offering Continuing Education Units and PDHs
- Access to CareerEngineer—a comprehensive job site tailored to chemical engineers
- Access to the AIChE eLibrary—a wealth of information from Knovel Life Sciences and the McGraw-Hill AccessEngineering Library collections

**[View COMPLETE benefits](#)**

## **AIChE Volunteer and Meeting Attendee Conduct Guidelines**

AIChE's volunteers are the core of the Institute and make all of its programs, conferences and educational efforts possible. These offerings provide excellent opportunities for AIChE members and meeting attendees to gain greater technical expertise, grow their networks, and enhance their careers. AIChE events provide engineers, scientists, and students a platform to present, discuss, publish and exhibit their discoveries and technical advances.

At all times, volunteers and meeting attendees should act in accordance with AIChE's Code of Ethics, upholding and advancing the integrity, honor and dignity of the chemical engineering profession. AIChE's Board of Directors has developed these guidelines to foster a positive environment of trust, respect, open communications, and ethical behavior. These guidelines apply to meetings, conferences, workshops, courses and other events organized by AIChE or any of its entities and also to volunteers who conduct other business and affairs on behalf of AIChE.

### **Specifically**

1. Volunteers and meeting attendees should understand and support AIChE's Code of Ethics.
2. Volunteers and meeting attendees should contribute to a collegial, inclusive, positive and respectful environment for fellow volunteers and attendees, and other stakeholders, including AIChE staff.

3. Volunteers and meeting attendees should avoid making inappropriate statements or taking inappropriate action based on race, gender, age, religion, ethnicity, nationality, sexual orientation, gender expression, gender identity, marital status, political affiliation, presence of disabilities, or educational background. We should show consistent respect for colleagues, regardless of discipline, employment status, and organizations for which they work, whether industry, academia, or government.
4. Disruptive, harassing or other inappropriate statements or behavior toward other volunteers, members, and other stakeholders, including AIChE staff, is unacceptable.
5. Volunteers and meeting attendees should obey all applicable laws and regulations of the relevant governmental authorities while volunteering or attending meetings. Volunteers and meeting attendees taking part in any AIChE event, including the ChemECar Competition™, should also comply with all applicable safety guidelines.

Violations of this conduct policy should be reported promptly to the AIChE President or Executive Director.

**[Read AIChE's Code of Ethics](#)**



## AICHE CHICAGO SECTION

**AIChE Chicago Section**  
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<https://www.facebook.com/AIChEChicagoSection>

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<https://www.aiche.org/community/sites/local-sections/chicago>

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### We want you for AIChE-Chicago!

AIChE is committed to promoting a fair, just, and equitable profession and society. AIChE believes that all who wish to be a part of the chemical engineering community should have equal opportunity to pursue and achieve success. We work toward a better future for all — through our technical expertise; through how we inspire, engage, retain, and advance future talent; and through how we treat each other within and beyond the profession.

[AIChE Equity, Diversity, and Inclusion Statement | AIChE](#)

### We need your help!

How many opportunities can you find to learn project management, delegation and leadership skills for free? Becoming an officer in the Chicago Section of AIChE is such an opportunity. While you're learning new skills, your local network grows. Just about all of us are either undergoing a career change, contemplating a career change, or are wondering if our career will be changed for us. Volunteering with AIChE is a way to add skills and accomplishments to your resume.

[aichechicago@gmail.com](mailto:aichechicago@gmail.com)

<http://www.aiche.org/community/sites/local-sections/chicago/announcements/volunteerism>



## Submitting Articles to AIChE Columns

We welcome email submissions for our monthly newsletter. Commercial announcements are subject to the fee schedule below. News stories, editorials, technical or career related non-commercial contributions are always welcome with no charge. We consider job postings, announcements of for-fee training courses, expositions, conferences as commercial.

Categorization of announcements is at the sole discretion of the Chicago AIChE Board of Directors. Chicago AIChE may publicize activities of interest to our members by cooperating professional societies and other non-profits without charge.

Please submit your material to [aichechicago@gmail.com](mailto:aichechicago@gmail.com) with "newsletter article" as a subject line.

