

ASC25

AIChE Annual
Student Conference



Oct. 31 - Nov. 3, 2025
Boston, MA, USA



Spark ideas. Ignite change.

Be Part of Something Special.

Everyone's career starts from somewhere. And we want to be there from the very beginning. Whether you're a student or a recent graduate, we know you have ideas to share and change to make. So, if you have the desire to solve real-world problems, there's no limit to your potential. Join our team and ignite your career today.

**Ready to Be Part
of Something Special?**

SCAN TO APPLY & LEARN MORE



Evonik has a variety of programs that are designed to build the foundation of your career. Explore our opportunities available for recent graduates to kick-start their career:

- **Evonik Rotation Program** - This program provides new graduates the opportunity to gain hands-on experience in production and process engineering roles in addition to soft-skill development and networking opportunities. During the 2-year program the participants are able to explore manufacturing roles at two different US locations for one year each, preparing them for a successful career path at Evonik.
- **Engineering Talent Acquisition and Development Program (ETAD)** - ETAD is a 3-year development program that aims to make Evonik better by providing technical leadership through valuable contributions for all of Evonik. The program is a part of Evonik's global engineering organization, ensuring participants have an opportunity to work on a variety of engineering projects over the course of the program. Participants in the program will undergo targeted technical training and development, where they will learn the skills needed to participate in work such as process design, process improvement, project engineering, process safety engineering, and digitalization.
- **Summer Professional Enrichment Internship Program (SPE)** - Students who are currently in the process of obtaining their bachelor's or graduate degree, can gain valuable professional work experience at one of our locations throughout the United States.

2025 ASC CONTENTS

Welcome Message	2
2025 ASC Sponsors	3
Meeting Policies and Notices	4
Hynes Convention Center Floor Plans	6-8
Workshops & Featured Events	9-13

Download the **AIChE® App** to Navigate Events at the **2025 Annual Student Conference** like a Pro

Scan the QR code to quickly find the app OR Search for “AIChE Events” and download from the App Store or Google Play.



2025 ASC WELCOME

AIChE®, the Massachusetts Institute of Technology and Northeastern Student Chapters, and the Executive Student Committee would like to welcome you to Boston and to the 2025 Annual Student Conference!

BADGES AND ON-SITE REGISTRATION

Hynes Convention Center, Exhibit Hall D

Friday, October 31
3:00 PM - 7:00 PM

Saturday, November 1
7:30 AM - 5:00 PM

Sunday, November 2
8:00 AM - 5:00 PM

Be sure to wear your badge at all times —
it is your ticket to all Student Conference events and
the AIChE Annual Meeting.

SPECIAL THANKS

Annual Student Conference Hosts

Executive Student Committee
Massachusetts Institute of Technology
Northeastern University

Student Chapters Committee

Chelsea Monty-Bromer, *Chair*
Joseph Menicucci, *1st Vice Chair*
Donald Chmielewski, *2nd Vice Chair*
Troy Vogel, *Past Chair*



A career at Olin means more than a traditional career path - it's the opportunity to explore each of our divisions, departments, and desirable locations.

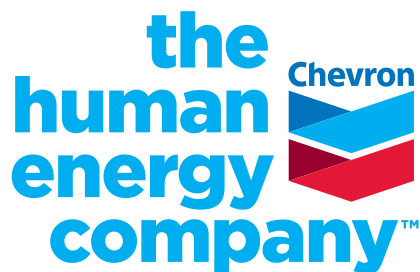
We're all in on your growth, your goals, and your future.



Olin.com/careers

2025 ASC SPONSORS

PLATINUM SPONSORS



GOLD SPONSORS



SILVER SPONSOR



BRONZE SPONSORS



AICHE STUDENT AWARDS PROGRAM PARTNER



Sponsors as of 10/2/2025

MEETING POLICIES + NOTICES

Recording & Photography Policy

AIChE Meetings are one of the primary ways the Institute fulfills its mission to advance the development and exchange of relevant knowledge. The content presented at this event is the property of the presenters and the firms where they work. Recording of sessions or taking photos of slides is strictly prohibited.

General Photography Notice

Sessions and events at the meeting are being photographed by a professional photographer. These photos will be used to illustrate articles in CEP Chemical Engineering Progress® Magazine, on the AIChE website and in promotional materials for future Meetings. By registering for this conference, you consent to your likeness being used for such purposes without compensation and release AIChE from any liability on account of such usage.

Code of Conduct

All meeting attendees, volunteers, and staff are expected to abide by the AIChE Code of Conduct. Read the full Code of Conduct at aiche.org/conductcode.

Code of Ethics

All meeting attendees, volunteers, and staff are expected to abide by the AIChE Code of Ethics. Read the full Code of Ethics at aiche.org/ethicscode.

AIChE IDEAL Statement

AIChE is committed to promoting a fair, just, and equitable profession and society. Read the full statement at aiche.org/IDEAL.

A Note on Sustainability at AIChE Meetings

AIChE constantly reviews the materials used at and produced for Meetings in terms of sustainability. Every attempt is made to use sustainable products within the economic framework of the meeting. Specific items may include the use of recycled or FSC certified papers, environmentally friendly inks and solvents, use of electronic (pdf) instead of printed materials, limiting the quantities produced and use of production facilities closer to the meeting site.

Neither the American Institute of Chemical Engineers (AIChE), the presenters and author(s) of this work, their employer, nor their employer's officers and directors, warrant or represent expressly or by implication, the correctness or accuracy of the content of the information presented. As between (1) the AIChE, the presenter and author(s) of this work, their employers, and their employers' officers and directors, and (2) the user/viewer of this work, the user/viewer accepts any legal liability or responsibility whatsoever for the consequence of its use or misuse.



WE ARE OWENS CORNING

We are a company that is global in scope and human in scale. Through the expertise of our people, we develop, manufacture, and market insulation, roofing, composites, and doors that make an impact around the globe. We strive to make the world a better place by making thousands of products lighter, stronger, and more durable.

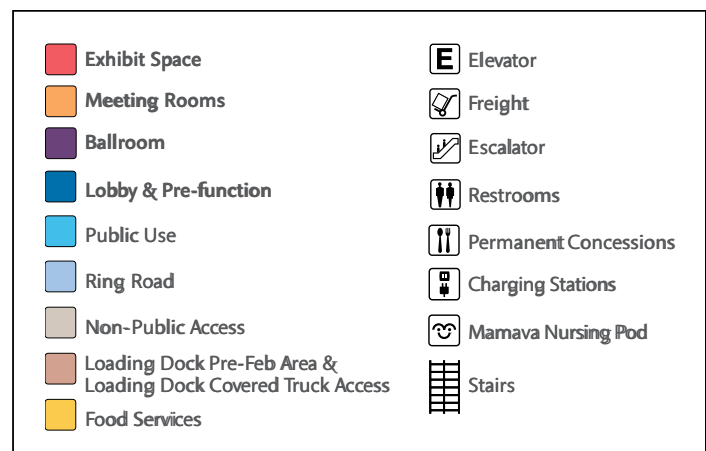
**To learn more about our careers,
scan the QR code or visit:**

<https://jobs.owenscorning.com/earlycareer>

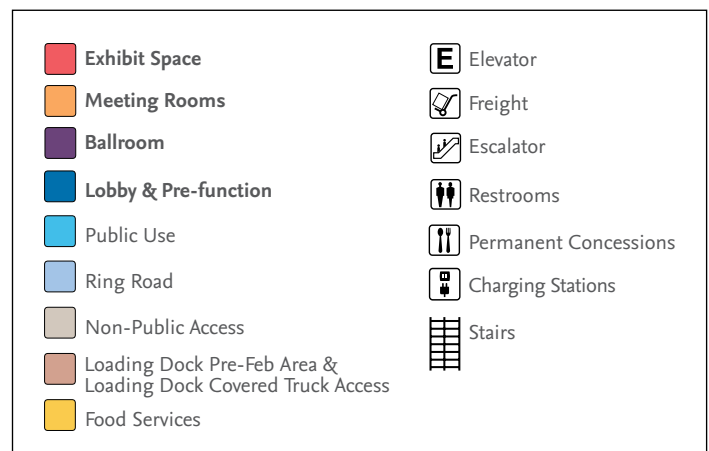
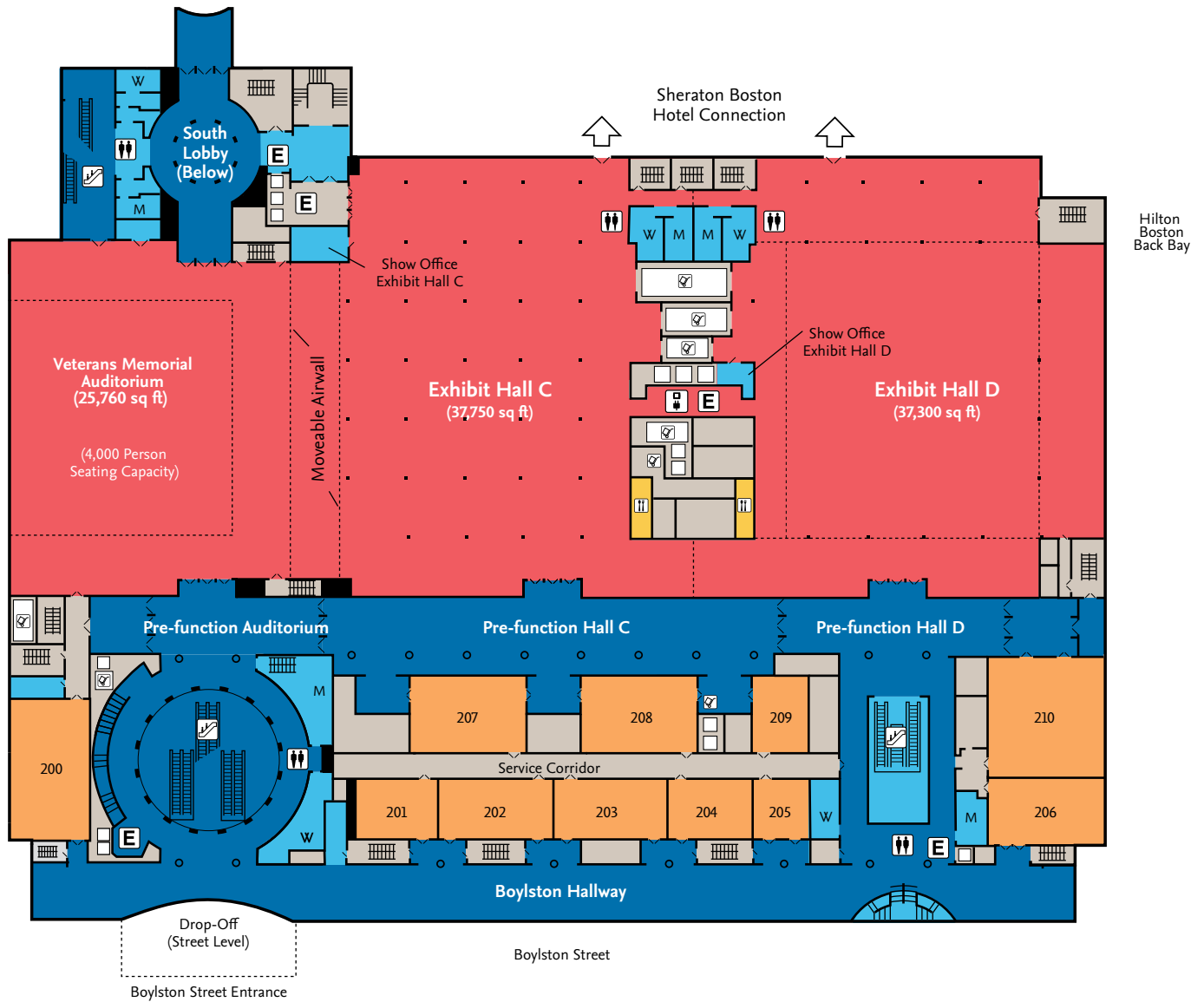


HYNES CONVENTION CENTER FLOOR PLANS

First Level

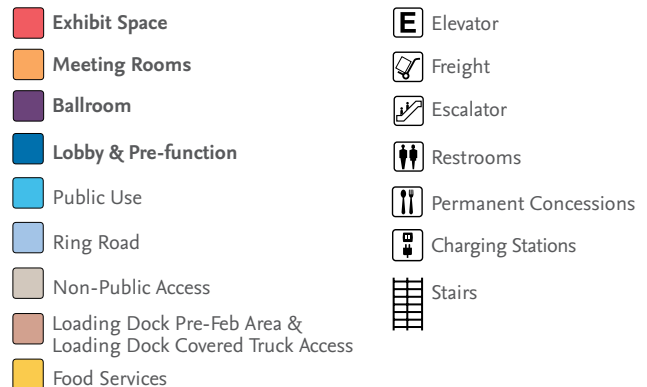
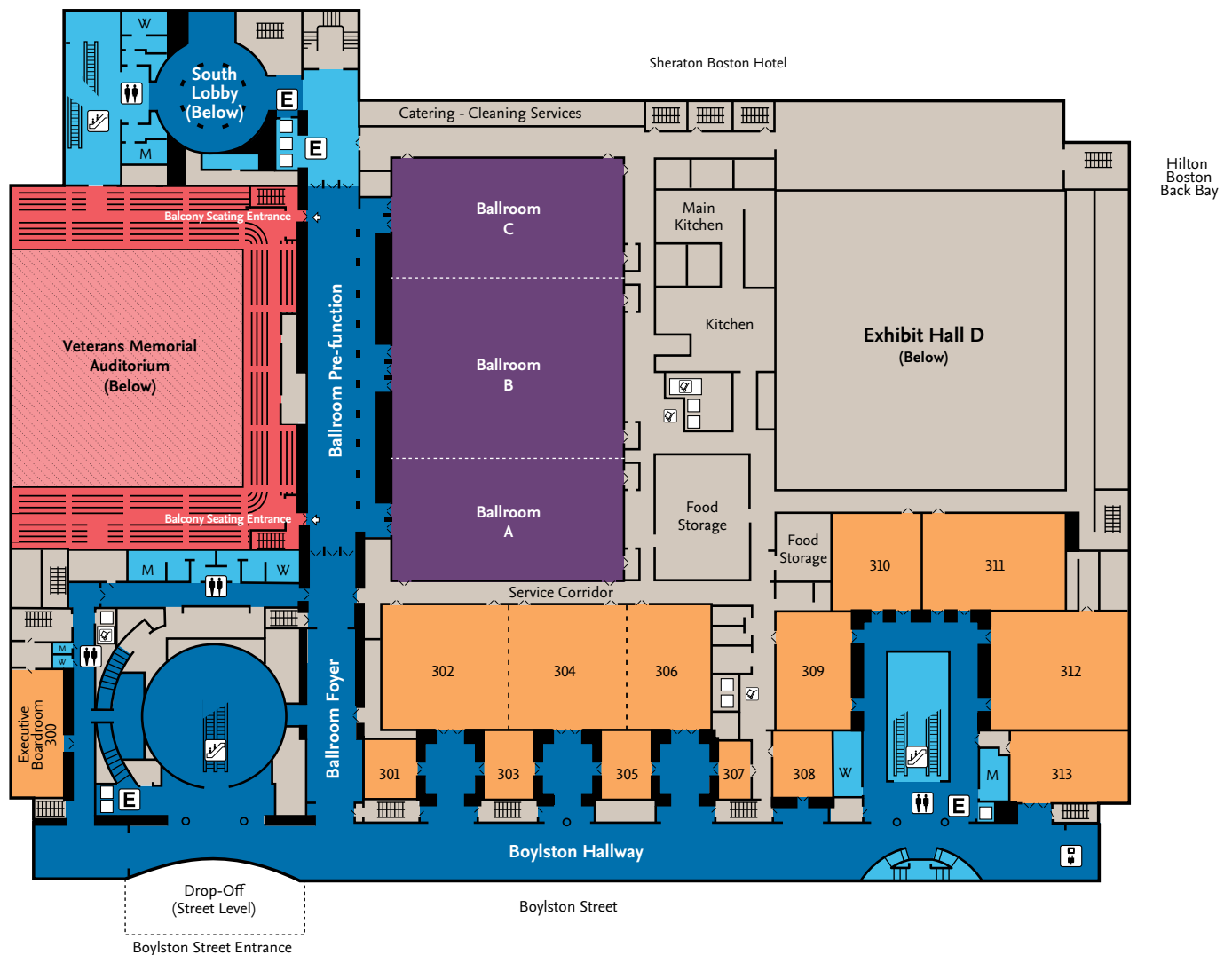


Second Level



HYNES CONVENTION CENTER FLOOR PLANS

Third Level



WORKSHOPS + FEATURED EVENTS

All listed events are taking place at the Hynes Convention Center unless otherwise noted.

FRIDAY, OCTOBER 31, 2025

4:00 PM - 5:15 PM	FEATURED STUDENT CHAPTER WORKSHOP Creating Connections: Building Chapter-Faculty Relationships Johns Hopkins AIChE Student Chapter Room 311
5:20 PM - 7:00 PM	Mock Interviews (by appointment only) Room 311

STUDENT CHAPTER WORKSHOPS

	Track A - ChemE Community	Track B - Empowering & Engaging Chapter Members	Track C - Ed Trends
Room ►	Room 105	Room 201	Room 206
5:20 PM - 6:05 PM	Beyond Equations: Service and Outreach Mississippi State University AIChE Student Chapter	Running an Impactful Mentorship Program Purdue University and University of Florida AIChE Student Chapters	Safety First: Cultivating a Culture of Chemical Process Safety in Undergraduate Programs University of Iowa AIChE Undergraduate Student Chapter
6:10 PM - 6:55 PM	STEM Ambassadors - Exposing STEM to Future Generations The Ohio State University AIChE Student Chapter	MSU x UCLA: Early Engagement Strategies for Technical Development of Chemical Engineering Underclassmen Michigan State University and UCLA AIChE Student Chapters	
7:00 PM - 8:30 PM	Graduating Senior Networking Mixer – <i>Sponsored by Evonik</i> TICKETED EVENT (21+) Hilton Boston Back Bay, Belvidere & Westminster		

WORKSHOPS + FEATURED EVENTS

SATURDAY, NOVEMBER 1

8:00 AM - 8:45 AM	ASC Welcome Breakfast Ballroom AB
8:45 AM - 9:55 AM	Keynote Address "Chemical Engineering Reimagined: Innovations at the Intersection of Biology, Chemistry, and Technology" Christine Santos, Chief Technology Officer, Manus Ballroom AB

MORNING WORKSHOPS

	Track I Find Your ChemE Niche - Sponsored by Olin Corporation	Track II Catalysts for Tomorrow	TRACK III Leveling Up	TRACK IV Discipline Deep Dive	TRACK V What They Don't Teach in Thermo	TRACK VI Grad School Glimpses	TRACK VII Partner Insights
Room ►	Room 202	Room 306	Room 309	Room 311	Room 312	Room 201	Room 310
10:05 AM - 10:50 AM	Management Careers and the Chemical Engineer Management Division (MGMT)	Town Hall with AIChE Leadership As the host of the event: AIChE Board of Directors	K-12 STEM Outreach Competition Info Session & Workshop AIChE K-12 Community	Stay Safe, Engineer Smart – A Crash Course in Process Safety Process Safety Division (PSD)	Living Out Inclusivity in Chemical Engineering and Doing a World of Good in Society Chemical Engineering Technology Operating Council (CTOC) & ADA (formerly DORIC)	Imperial College London: Your Future Self Is Waiting for You Imperial College London, Chemical Engineering	Engineering a Unique Future: Non-Traditional Technical Career Paths in Chemical Engineering Evonik Corporation
11:00 AM - 11:45 PM	Materials Engineering and Sciences in AIChE Materials Engineering & Sciences Division (MESD)	LGBTQ+ & Allies Panel LGBTQ+ and Allies Community TICKETED EVENT This event ends at 12:15 PM	Survive and Advance with Confidence: Navigating the Ph.D. Labyrinth Chemical Engineering Technology Operating Council (CTOC)	Mixing in Aerobic Fermentation Processes North American Mixing Forum (NAMF)	AI in the Workplace Early Career Community (ECC) & Computing and Systems Technology Division (CAST)		Engineering Intelligence: Data, Digital, and AI in Action Merck KGaA, Darmstadt, Germany
11:45 AM - 12:45 PM	Lunch Break						

WORKSHOPS + FEATURED EVENTS

SATURDAY, NOVEMBER 1 (CONTINUED)

AFTERNOON WORKSHOPS

	Track I Find Your ChemE Niche - Sponsored by Olin Corporation	Track II Catalysts for Tomorrow	TRACK III Leveling Up	TRACK IV Discipline Deep Dive	TRACK V What They Don't Teach in Thermo	TRACK VI Grad School Glimpses	TRACK VII Partner Insights
Room ►	Room 202	Room 306	Room 309	Room 311	Room 312	Room 201	Room 310
12:45 PM - 1:30 PM	Navigating Dynamic Careers in Catalysis and Reaction Engineering Area 20 (CRE Division)	Education and Resources Regarding Climate Policy in Chemical Engineering Early Career Community (ECC)	The Path to Becoming a Licensed Professional Engineer LPDC and Management Division (MGMT)	The World of Particle Technology Particle Technology Forum	45-Minute Guide to Better Writing Valerie Patrick, PhD, Fulcrum Connection		Artificial Intelligence, Machine Learning and Automation for Pharmaceutical Engineering Virginia Commonwealth University
1:40 PM - 2:25 PM	Food, Pharmaceutical & Bioengineering Division Student Workshop Division 15: Food, Pharmaceutical, and Bioengineering	Green Collar Career Opportunities for Chemical Engineers Environmental Division	Finances and Your First Job – Financial Planning for ChemE Careers Early Career Community (ECC) and Public Affairs & Information Committee (PAIC)	ChemE Career Circuit: Explore Your Future TICKETED EVENT This event ends at 3:40 PM	Differentiate Yourself with Top Teamwork Skills Valerie Patrick, PhD, Fulcrum Connection	Introduction to the Graduate Programs of the Chemical Engineering and Materials Science Department at Michigan State University Michigan State University, Chemical Engineering and Materials Science	
1:40 PM - 4:50 PM	ChemE Jeopardy Competition - Preliminary + Semi-Final Rounds - Sponsored by Omega Chi Epsilon (OXE) Room 105 203 204 205 206 307						
1:40 PM - 4:50 PM	Chem-E-Car Competition® - Safety Inspection & Poster Competition - Sponsored by Chevron, Solstice, and MathWorks Veterans Memorial Auditorium						
5:00 PM - 6:00 PM	Mainstage Event: ASC Leadership Panel Ballroom A						
6:00 PM - 7:30 PM	Night of Networking - Sponsored by Owens Corning Boylston Hallway (3rd Floor)						

WORKSHOPS + FEATURED EVENTS

SUNDAY, NOVEMBER 2

WORKSHOPS	
10:00 AM - 11:30 AM	Next-Generation Simulation Tools for Real-Time Process Modeling AVEVA Room 107
10:00 AM - 10:50 AM	The SAFE Leader Mark McBride-Wright Room 111
11:00 AM - 11:50 AM	How to Make the Most of Your Omega Chi Epsilon Chapter Omega Chi Epsilon Room 110
10:00 AM - 11:30 AM	Am I Ready for a ChemE Job? Perspectives of a Senior ChemE Student AIChE UNAL-Medellín Student Chapter Room 110
12:30 PM - 2:30 PM	Intro to Career Discovery Valerie Patrick, PhD, Fulcrum Connection TICKETED EVENT Room 304

MEETINGS & EVENTS	
8:00 AM - 9:00 AM	First & Second Year Student Recognition Ceremony Ballroom A
8:30 AM - 10:00 AM	ChemE Jeopardy Final Round - <i>Sponsored by Omega Chi Epsilon (OXE)</i> Room 203
8:00 AM - 8:50 AM	Executive Student Committee Meeting Room 310
8:30 AM - 1:00 PM	ChemE-Sports™ Competition - <i>Sponsored by PetroSkills</i> Room 312
9:00 AM - 9:50 AM	Student Chapter Presidents Meeting Room 310
9:00 AM - 4:00 PM	Recruitment Fair Exhibit Hall A
11:00 AM - 12:30 PM	Student Awards Ceremony Ballroom A
12:30 PM - 1:15 PM	AIChE K-12 STEM Showcase & Outreach Competition Open House Ballroom B
12:30 PM - 4:00 PM	AIChE Chem-E-Car Competition® - Performance Competition - <i>Sponsored by Chevron, Soltice Advanced Materials, and MathWorks</i> Veterans Memorial Arena
1:00 PM - 5:30 PM	2025 ChemE Cube Competition: The Pitch - <i>Powered by RAPID / ExxonMobil</i> Marriott Boston Copley, Salon AB Salon CD Provincetown
4:00 PM - 5:00 PM	Student Chapter Advisors Meeting Room 311

WORKSHOPS + FEATURED EVENTS

MONDAY, NOVEMBER 3

8:00 AM - 11:00 AM	Student Technical Presentation Competition (STPC) - Sponsored by Omega Chi Epsilon (OXE) Rooms 109 & 110
9:00 AM - 3:30 PM	2025 ChemE Cube Competition - Powered by RAPID / ExxonMobil Veterans Memorial Auditorium
10:00 AM - 12:30 PM	Undergraduate Student Poster Competition - Sponsored by Omega Chi Epsilon (OXE) Exhibit Hall C
1:00 PM - 4:00 PM	Student Chapters Committee (SCC) Business Meeting Room 312

EXPLORING A NEW CAREER?

Check out our new Career Planning Tool

Occupational insights to help you plan your career path

careerengineer.aiche.org/careerinsights

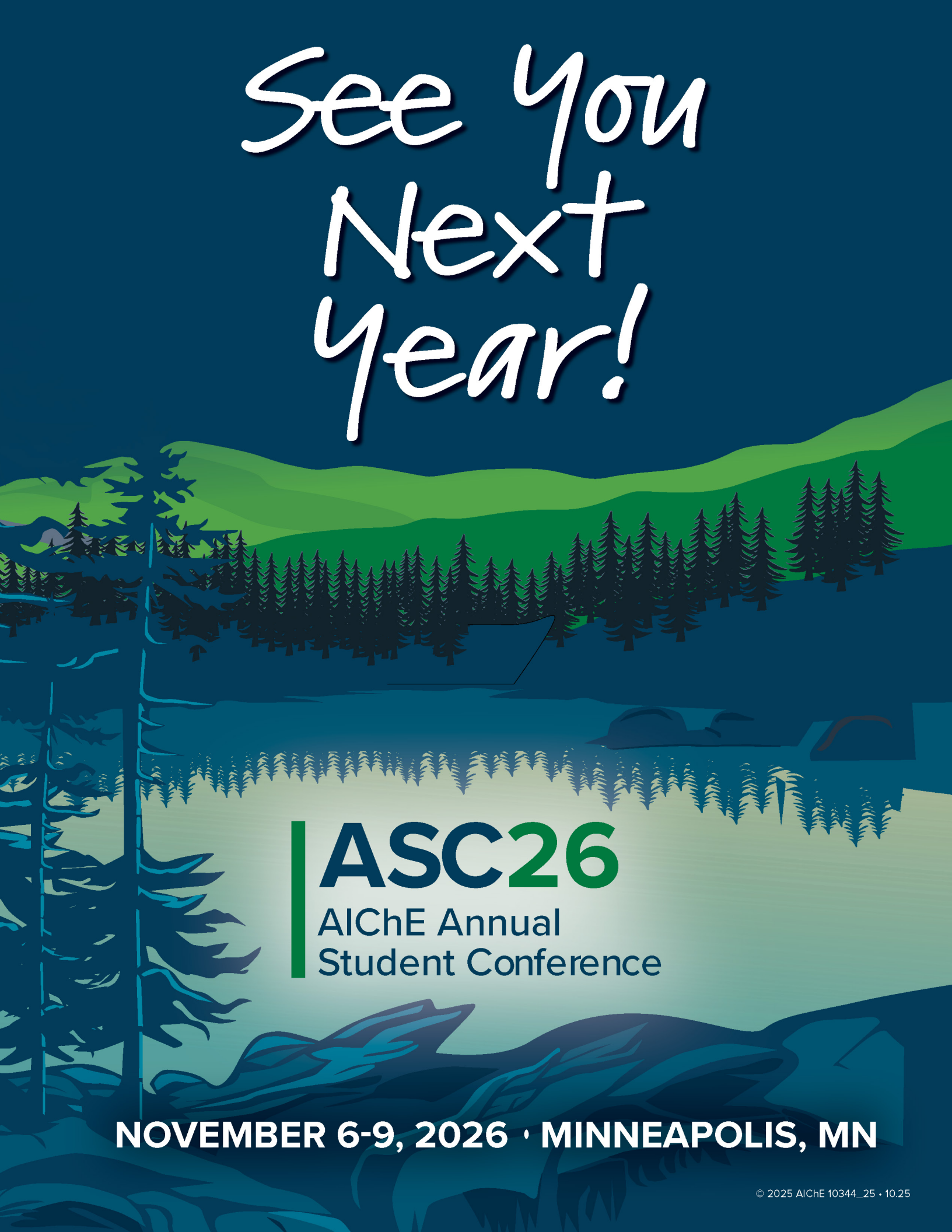
CareerEngineer
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Get Ready to “Fall Back” - Daylight Saving Time Ends on Sunday

This Sunday is the end of Daylight Saving Time, which means the clock will fall back one hour. Smartphones and smartwatches usually change automatically, but you should manually change all other types of clocks before you go to bed on Saturday. Enjoy the extra hour of sleep (or sightseeing!).



See You
Next
Year!

ASC26

AIChE Annual
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NOVEMBER 6-9, 2026 • MINNEAPOLIS, MN