MEETINGS


What a difference 3 years make. As COVID-19 grabbed hold of the global community in 2020, chemists in the US and across the world canceled airline and hotel reservations and had to forego plans to connect with colleagues in San Francisco at ACS Fall 2020. But all was not lost. The COVID-19 pandemic motivated ACS to expand its meeting portfolio and host its first fully virtual meeting and expo that August. This Aug. 13–17, ACS returns to San Francisco for the in-person component of ACS Fall 2023 while continuing with a virtual platform.

With the theme of “Harnessing the Power of Data,” ACS Fall 2023 will be an interactive experience for the combined thousands of in-person and virtual attendees. Students learning about the many aspects of chemistry, academicians sharing their knowledge of chemistry, researchers exploring the ever-changing impact of chemistry on daily life, and exhibitors of innovative technologies to better share the science of chemistry will be among the attendees. The meeting will offer diversity of content through oral sessions, poster presentations, and special events. All will be complemented by a wide-ranging number of networking opportunities sponsored by divisions and ACS.

If career development is your focus, ACS Fall 2023 comes with an extensive list of opportunities to shape your decision-making. Whether you have not started your career path or are looking into new employment opportunities in chemistry, you can benefit from the meeting’s student-specific events, professional and leadership development courses, and career workshops.

Program by the numbers

- Original programming by 33 technical divisions and 6 committees
- 12,415 accepted papers, including 8,457 oral presentations, 3,953 poster presentations, and 1,057 Sci-Mix presentations
- For the half-day sessions, 820 oral sessions (765 hybrid and 55 virtual), 249 poster sessions (171 in-person and 78 virtual), and 42 Sci-Mix sessions (28 in-person and 14 virtual)
- Online technical program available on July 20, 2023

To download a PDF of the preliminary program for the hybrid ACS 2023 meeting in San Francisco from Aug. 13–17, visit cenm.ag/fall2023.
General meeting information

If you are a presenter

SciMeetings archive and publishing options
For a wider audience reach, consider uploading your abstract to SciMeetings. Benefits include:
- A citable DOI
- An open access license
- The ability to add supplemental information to your upload
- Personal analytics to track engagement
- Increased discoverability on SciFinder, Google Scholar, and the ACS Publications platform

You can find more information at the SciMeetings website.

Registration
The first step to taking advantage of all that ACS Fall 2023 has to offer is to register. Offered in hybrid format, ACS Fall 2023 gives you registration options.

All attendees must register. Participating in the full meeting, you must register; attending one day, you must register; giving an oral presentation, you must register; presenting a poster, you must register; exhibiting in the expo hall, you must register.

Presenters who fail to register for the meeting will have their abstracts withdrawn from the official meeting program, technical programming archive, and CAS database.

Join ACS and save
Not a member of ACS? Join before you register and save up to $400. As an ACS member, you can book your housing at the same time that you register for the meeting.

Sponsored speakers should contact their symposium organizers or division program chairs to clarify the terms of their invitation and to determine who will complete the meeting registration. Presenters who fail to register for the meeting will have their abstracts withdrawn from the official meeting program, technical programming archive, and CAS database.

Hybrid registration (in-person and virtual)
- Attend in-person only, live hybrid, and live virtual sessions
- Live in-session Q&A opportunities
- In-person networking opportunities
- Full access to all in-person, virtual, and on-demand sessions included in your full registration
- 24/7 access to programming; on-demand content available through Sept. 1, 2023
- Enjoy all that San Francisco has to offer in August

Virtual registration
- Attend live hybrid and 100% live virtual sessions via the meeting platform
- 24/7 access to programming; on-demand content available through Sept. 1, 2023
- Interactive sessions with live chats and Q&A
- Digital networking opportunities to connect with others without leaving your home

Your meeting registration gives you entry to a range of programming activities:
- Exposition Hall and Career Navigator LIVE!
- Technical symposia
- Scientific poster sessions
- Special lectures, workshops, and events

Presentations uploaded for on-demand access will be available to view within 24 h after the live presentation time. These sessions will remain available for all registrants through Sept. 1, 2 weeks after the live event.

For more details on the attendance options, go to the meeting’s Ways to Attend page at cenm.ag/attendfall2023.

International attendees
International attendees must have a valid visa to enter the US. Detailed information on the process to obtain a visa is available in the “Attendee Resource” section on the registration page of the meeting website at www.acs.org/meetings.

If you have specific questions about your visa application, please email nationalmeetings@acs.org.

All international attendees, including those from Canada and Mexico, must pick up their registration materials on-site.

On-site registration
Registration for ACS Fall 2023 will remain open through the last day of the meeting. There will be two on-site registration sites.

Satellite registration: Hilton San Francisco Union Square, Golden Gate Foyer, lobby level

Hours of operation (in Pacific Time):
- Saturday, Aug. 16, 7:00 a.m.–5:00 p.m.
- Sunday, Aug. 17, 7:00 a.m.–5:00 p.m.
- Monday, Aug. 14, 7:00 a.m.–5:00 p.m.
- Tuesday, Aug. 15, 7:00 a.m.–5:00 p.m.
- Wednesday, Aug. 16, 7:00 a.m.–noon

K-12 TEACHERS
AACT member and/or ACS member (standard or premium package)
- $99
- $49

ACS community associate (basic package) or nonmember
- $199
- $99

GUEST OF FULL CONFERENCE REGISTRANT
- $99
- N/A

EXPO & CAREER NAVIGATOR LIVE!
Expo & Career Navigator LIVE!
- $10
- N/A
**Main registration**: Moscone Center, South Lobby  
Hours of operation (PT):  
- Saturday, Aug. 12, 1:00 p.m.–6:00 p.m.*  
- Sunday, Aug. 13, 7:00 a.m.–8:00 p.m.  
- Monday, Aug. 14, 7:00 a.m.–9:00 p.m.  
- Tuesday, Aug. 15, 7:00 a.m.–8:00 p.m.  
- Wednesday, Aug. 16, 7:00 a.m.–8:00 p.m.  
- Thursday, Aug. 17, 7:00 a.m.–noon

*Exhibitor registration is available Saturday, Aug. 12, 7:00 a.m.–6:00 p.m. at main registration, Moscone Center, South Lobby.

**Ticketed social and special events**  
Organizers have planned a variety of social and special events that will take place during the meeting. Event participation is open to all interested meeting attendees. If you did not purchase your ticket when you registered, you can upgrade your registration at any time through the registration resource center linked in your registration confirmation email.

Tickets will remain on sale until the evening before the event, if available. All tickets are sold on a first-come, first-serve basis. Remember, ACS Fall 2023 is a cashless meeting, so all payments must be made by credit card.

**Registration cancellation**  
You can cancel your registration and social events or request a refund before the meeting in accordance with the ACS registration cancellation policy.

- Registration cancellations received by July 31, 2023, are entitled to a full refund, less a $50 administrative fee.
- Cancellation notices must be submitted to the ACS registration customer service center by phone or email by July 31, 2023.
- Contact the ACS registration customer service center Monday through Friday, 9:00 a.m.–5:00 p.m. (ET) at 800-251-8629 (U.S. registrants), 508-743-0192 (international registrants), or email acs@xpressreg.net.
- All refunds are issued via the same method used for payment.

- Refunds are processed within 30 days after the conclusion of the meeting.
- Requests for registration refunds, upgrades, or category changes made after July 31, 2023, will not be honored.

**What to do before the meeting**  

**Virtual attendees**: Explore the meeting virtual platform  
- Log in using the ACS ID and credentials that you used to register for the meeting.
- Take a tour of the virtual platform.
- Clear your browser cache.
- Prepare your device to access Zoom; if Zoom is blocked on your device, contact ACS Membership Services at service@acs.org.
- Go to Image Resources to find Zoom backgrounds, customizable meeting graphics, a presentation template, and more.

**In-person participants**: Things to do before you arrive in San Francisco  
- Download the ACS Meetings & Events mobile app for quick access to the ACS Fall 2023 program using the included QR code.
- On the app, you can build your on-site schedule, search for exhibitors, and navigate using the MAPS feature.
- The mobile app syncs one-way with the virtual meeting platform itinerary. (Build your itinerary in the virtual platform first before using the mobile app on site.)
- Registrants can use their ACS ID to do a one-time sync between their virtual platform schedule and the mobile app.

Register your little ones for Camp ACS!, the society-sponsored, no-cost onsite childcare.

- Available for children 3 years or older.
- Pre-registration is required by Aug. 4; go to the meeting’s Camp ACS! page for more details.

**Venue**  
The Moscone Center will be the primary venue for ACS Fall 2023. Located in the heart of the SOMA/Yerba Buena district, the Moscone Center is surrounded by world-class dining, shopping, and cultural destinations.

**Travel**  
The San Francisco International Airport is located less than 15 miles from the Moscone Center.

- San Francisco International Airport (SFO)  
  - Airport phone: 650-821-8211  
  - Major airlines serving SFO include American Airlines, Alaska Air, Southwest, and United Airlines.

**Packing**  
- Information on parking at San Francisco International Airport can be found at flysfo.com/passengers/parking
- Information on parking at the Moscone Center can be found at moscone.com/directions-and-parking-moscone-center

**Traveling to meeting venues**  

**ACS shuttle bus**  
Most of the official hotels are within walking distance of the Moscone Center. ACS will provide complimentary shuttle bus service between the convention center and official hotels that are not within walking distance.

Review the Campus Map to familiarize yourself with the shuttle bus schedules and technical session locations. Also noted on the map are hotels within walking distance of the Moscone Center.

**On-site attendee health and safety**  
The health and safety of meeting attendees, exhibitors, and staff is the number one priority for ACS. As COVID-19 and its variant strains continue to hover over our daily activities, ACS will continue to follow the guidance and requirements of the CDC, California Department of Public Health, San Francisco Department of Public Health, the Moscone Center, and other local regulations regarding COVID-19 safety practices.

Though ACS continues to take every reasonable precaution to keep in-person attendees safe, ACS cannot fully...
HARNESSING THE POWER OF DATA

#ACSFall2023

SHUTTLE HOURS OF OPERATION

SUNDAY, AUGUST 13
7:00 AM – 10:00 AM ............................................ Every 10 minutes
10:00 AM – 4:00 PM ............................................ Every 30 minutes
4:00 PM – 8:00 PM ............................................ Every 8 minutes
8:00 PM – 10:00 PM ............................................ Every 10 minutes

MONDAY, AUGUST 14
7:00 AM – 10:00 AM ............................................ Every 8 minutes
10:00 AM – 4:00 PM ............................................ Every 30 minutes
4:00 PM – 8:00 PM ............................................ Every 8 minutes
8:00 PM – 11:00 PM ............................................ Every 10 minutes

TUESDAY, AUGUST 15
7:00 AM – 10:00 AM ............................................ Every 8 minutes
10:00 AM – 4:00 PM ............................................ Every 30 minutes
4:00 PM – 8:00 PM ............................................ Every 8 minutes
8:00 PM – 10:00 PM ............................................ Every 10 minutes

EVENING SPECIAL EVENT
10:00 PM – 12:00 AM ............................................ Service from Marriott Marquis to
Ritz, Ritz B, Walking Hotels

WEDNESDAY, AUGUST 16
7:00 AM – 10:00 AM ............................................ Every 10 minutes
10:00 AM – 4:00 PM ............................................ Every 30 minutes
4:00 PM – 10:00 PM ............................................ Every 10 minutes

THURSDAY, AUGUST 17
7:00 AM – 1:00 PM ............................................ Every 15 minutes

MOSCONET CENTER
- Technical Sessions – AGFD, AGRO, ANYL, BIOL, BMGT, CARB, CATL, CELL, CHAL, CHED, COLL, COMP, COMSCI, CTA, ENFL, ENWR, FLUO, GEOC, IC&EC, INOR, MEDI, MPPS, ORGN, PHYS, PRES, SCC, SCHB, YCC

For all shuttle inquiries and wheelchair assistance, please call CEA Planners: 619-952-7012
eliminate all risks of harm to attendees or guarantee their safety, especially from risks posed by COVID-19 or its variant strains. Ultimately, you are responsible for your own safety.

ACS Fall 2023 will be a fulfilling and stimulating experience. Our goal is to make sure you enjoy your time in San Francisco.

Participants attending in person will see the official San Francisco Welcome Ambassadors throughout the city. They are ready to help improve your visitor experience. They are knowledgeable and can help you find an attraction or make restaurant recommendations. You can find them out and about, 7 days a week, from 8:00 a.m.–8:00 p.m. in some of San Francisco’s most popular neighborhoods, including Chinatown, North Beach, and SoMa. Just look for their bright orange jackets—the same color as the Golden Gate Bridge!

As a reminder, no city or town is exempt from the problem of crime. Be mindful of your surroundings as you enjoy the meeting and San Francisco. Follow the same safety precautions in San Francisco that you would at home.

For emergencies such as danger to life, property, or environment, a crime in progress, or medical emergencies, call 911, available 24/7. For any non-emergency assistance such as noise complaints, loitering, wellness checks, etc., call 415-553-0123, available 24/7.

The Attendee Safety Plan is detailed with information on attendee health and safety on site.

### Attendee engagement

ACS Fall 2023 is anchored in the society’s commitment to promote chemistry and the chemistry enterprise in a manner that is inclusive, ethical, and safe. The meeting will offer an engaging experience for attendees at all educational and professional levels and in all disciplines of chemistry. Chemistry and mechanical learning will be a consistent focus of exploration within the theme of “Harnessing the Power of Data.”

### Program highlights:

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME (PT)</th>
<th>EVENT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, Aug. 13</td>
<td>2:00 p.m.–4:00 p.m.</td>
<td>It’s About Trust in Science and Scientists Workshop</td>
<td>Moscone Center – Room 211, South Building</td>
</tr>
<tr>
<td></td>
<td>5:00 p.m. –7:00 p.m.</td>
<td>ACS DEIR Reception Celebrating SACNAS’s 50th Anniversary</td>
<td>Hilton San Francisco Union Square – Continental Ballroom 5-6</td>
</tr>
<tr>
<td>Monday, Aug. 14</td>
<td>8:00 a.m. –noon</td>
<td>Effect of AI on Science: Classroom to Publication to Boardroom and Panel Discussion</td>
<td>Moscone Center – Room 24/25, South Building</td>
</tr>
<tr>
<td></td>
<td>8:00 a.m. –11:00 a.m.</td>
<td>The POWER of Chemistry: Opportunities and Challenges and Panel Discussion</td>
<td>Moscone Center – Room 152, South Building</td>
</tr>
<tr>
<td></td>
<td>9:00 a.m. –11:55 a.m.</td>
<td>ACS Presidential and Kavli Symposium Toward Autonomous Continuous-Flow Chemical Discovery and Processing</td>
<td>Moscone Center – Room 151, South Building</td>
</tr>
<tr>
<td></td>
<td>9:00 a.m. –11:55 a.m.</td>
<td>ACS Presidential and Kavli Symposium Toward Autonomous Continuous-Flow Chemical Discovery and Processing</td>
<td>Moscone Center – Room 151, South Building</td>
</tr>
<tr>
<td>Tuesday, Aug. 15</td>
<td>8:00 a.m. –5:50 p.m.</td>
<td>Mentorship, ACS, and Us</td>
<td>Moscone Center – Room 152, South Building</td>
</tr>
<tr>
<td></td>
<td>10:00 a.m. –3:55 p.m.</td>
<td>ACS Presidential Symposium on Machine Learning for the Chemical Sciences and Engineering</td>
<td>Moscone Center – Room 24/25, South Building</td>
</tr>
<tr>
<td></td>
<td>2:00 p.m. –5:00 p.m.</td>
<td>Chemical Angels Network Innovation Track and Panel Discussion</td>
<td>Moscone Center – Hall B/C, Expo Theater</td>
</tr>
<tr>
<td></td>
<td>5:30 p.m. –7:30 p.m.</td>
<td>ACS Presidential LGBTQ+ Reception</td>
<td>Hotel Nikko San Francisco – Golden Gate</td>
</tr>
<tr>
<td>Wednesday, Aug. 16</td>
<td>2:00 p.m. –5:25 p.m.</td>
<td>Mentorship, ACS, and Us</td>
<td>Moscone Center – Room 152, South Building</td>
</tr>
</tbody>
</table>
**ACS Kids Zone**

Begin the meeting a day early. Bring your inner kid to the Children’s Creativity Museum (221 4th St, San Francisco, CA 94103) on Saturday, Aug. 12, 11:00 a.m.–1:00 p.m. At ACS Kids Zone, you can engage with residents of San Francisco. This will be an afternoon of chemistry and fun. Activities will include Cloudy with a Chance of Clear Color, Make-and-Take Lot- tion, Connect with Slime, and Fruit Juice Sleuth. Visit http://www.acs.org/kidszone for more information.

**ACS member lounge**

The ACS member lounge is a must visit for all during the meeting. The place to chat with friends, take a break, refuel, and much more.

Moscone Center – South Lobby
- ACS member lounge hours
  - Sunday, Aug. 13–Wednesday, Aug. 16: 8:00 a.m.–6:00 p.m.
  - Thursday, Aug. 17: 8:00 a.m.–noon

**Zumba with immediate past president Angela Wilson**

A fun and invigorating way to start your meeting
- Sunday, Aug. 13, 7:00 a.m.–8:00 a.m.
- Hilton San Francisco Union Square, Franciscan C-D

**Plenary Session: “Harnessing the Power of Data”**
- Sunday, Aug. 13, 2023, 9:00 a.m.–10:00 a.m.
- Moscone Center, Room 24/25, South Building

**Expo hall**

The expo hall is the place for connecting. Catch up with friends over a cup of coffee, learn about new tools in the study and research of chemistry, take advantage of the professional development coursework, and consult with professionals about your career path. The expo hall will also be home for the Industry Thought Leader sessions, where attendees and exhibitors can engage in stimulating discussions on trends in the chemistry enterprise.

Moscone Center, Hall B/C, South Building
- Moscone Center, Hall B/C, South Building
- **Moscone Center, Room 24/25, South Building**

**ACS Fellows ceremony**
- Monday, Aug. 14, 11:00 a.m.–12:00 p.m.
- Hilton San Francisco Union Square, Grand Ballroom B

**The Kavli Foundation Emerging Leader in Chemistry Keynote Lecture**
- Monday, Aug. 14, 9:00 a.m.–10:00 a.m.
- Moscone Center, Room 24/25, South Building

**The Fred Kavli Innovations in Chemistry Keynote Lecture**
- Tuesday, Aug. 15, 9:00 a.m.–10:00 a.m.
- Moscone Center – Room 24/25, South Building

**25th Annual ChemLuminary Awards**
- Tuesday, Aug. 15, 8:00 p.m.–midnight
- San Francisco Marriott Marquis, Salon 8-9

The ChemLuminary Awards banquet and ceremony is an opportunity for ACS to say, “Thank you.” to its volunteers.

The ceremony is a primary platform to recognize local sections, technical divisions, regional meetings, and international chemical sciences chapters for their tireless efforts and work in promoting chemistry and the chemical sciences. The event will begin with a poster session and reception at 8:00 p.m., and the awards presentation will follow at 9:00 p.m. The after party from 10:00 p.m. until midnight will close out the festive evening.

Come out to celebrate and recognize our volunteers together!

**Sci-Mix posters virtual and in-person**
- Moscone Center, Hall B/C, South Building
- **Monday, Aug. 14, 8:00 p.m.–10:00 p.m.**

**Career development**

There is an overflow of opportunities for career development at ACS Fall 2023. ACS offers comprehensive tools that allow you to explore varying career options, find employment opportunities in your field, and develop your skills to grow in your career.

**Career development courses and workshops**

The ACS Institute, ACS Leadership Development, and ACS Career Pathways™ programs will offer courses and workshops in person at the ACS Fall 2023 meeting. You can review the available offerings at www.acs.org/Fall2023CareerDevelopment.

Courses and workshops can be added during registration. Current meeting registrants can access the Registration Resource Center using the link and badge number provided in the registration confirmation email.

**ACS Career Navigator LIVE!**

Career Navigator LIVE! (CNL) provides job seekers and businesses with a more thorough version of a standard “résumé drop” fair, ensuring hiring managers have access to the top talent they need to fill openings. These events give pre-registered job seekers the chance to submit their résumés and potentially meet with recruiters from top chemical companies. ACS members may upload résumés to the Career Navigator LIVE! database to apply for open positions. Our diverse team of consultants provides personalized career advice through résumé and LinkedIn profile reviews, mock interviews, and general career counseling sessions.

ACS members with a premium package can book an appointment with a certified ACS Career Consultant. CNL also offers free professional headshots sponsored by C&ENJobs throughout the event days—Monday to Wednesday. No appointment is necessary.
Board and council meetings

ACS Board of Directors

The ACS Board of Directors meeting, open to members who wish to participate, will be held at the Moscone Center, Room 24/25, South Building on Sunday, Aug. 13, noon–1:00 p.m.

Join the ACS Board in San Francisco as they hold a conversation with Nobel laureate Carolyn Bertozzi.

ACS Council

The ACS Hybrid Council meeting will begin at 8:00 a.m., Wednesday, Aug. 16 at the Hilton San Francisco Union Square Hotel, Grand Ballroom A/B. A continental breakfast for councilors will precede the meeting and begin at 7:00 a.m. Councilors are asked to arrive at the meeting room beginning at 7:00 a.m. to ensure their personal devices can connect to the meeting and vote, keeping in mind that the meeting starts promptly at 8:00 a.m.

Space will be available for ACS members and nonmembers to observe the Council in action. We hope that many will take advantage of this opportunity to learn firsthand about the society’s operation. Alternate councilors and division and local section officers are particularly urged to attend. Please contact the Office of the Secretary (secretary@acs.org) for the link to join the Council meeting virtually as an observer.

Committee meeting and Councilor Caucus information

The listing of the committees and Councilor Caucuses that plan to meet in the fall can be found at cenm.ag/governancemeetings.

ACS governance committees generally operate in one of three formats described below. These formats can change during the course of a meeting as discussions and deliberations change. It is the responsibility of the committee chair and the staff liaison to ensure that only the appropriate people are present during a meeting.

Open meetings

Any ACS member may attend an open meeting. At these meetings, members are encouraged to voice concerns, issue compliments, offer suggestions, and express interest in or raise questions about matters over which the committee has purview. The assumption is that participation is welcomed and will be orderly and courteous. Only committee members may vote.

Closed meetings

The committee chair must declare any executive meeting closed when confidential or sensitive personnel, financial, or legal matters of the society are discussed. At that point, only officially appointed or elected committee members, associates, consultants, staff liaisons, and the appointed Committee on Committees (ConC) liaison shall remain in the meeting. Others may stay in the meeting at the discretion of the chair. Once these discussions have been completed, the committee should return to executive mode.

Executive meetings

Attendance and participation are limited to officially appointed or elected committee members, associates, advisers, consultants, staff liaisons, and the appointed ConC liaison. Liaisons from other groups and both ex officio and elected councilors may attend; active participation by these groups is at the invitation of the chair. Only committee members may vote.

If you cannot attend the particular committee meeting of interest or for further information, contact the committee directly using the corresponding email address, which can be found at cenm.ag/governancemeetings.

c&en JOBS

Hire qualified jobseekers looking to grow their career.

Post your vacant scientific positions at recruit.cenjobs.org