

 **SC25** hpc ignites.

The
INTERNATIONAL CONFERENCE for **NOV 16-21**
HIGH PERFORMANCE COMPUTING
ST. LOUIS, MO NETWORKING, STORAGE, & ANALYSIS

SC25 for First-Time Attendees

SPONSORED BY



Association for
Computing Machinery

sighpc



IEEE
COMPUTER
SOCIETY

TCHPC



Lori Diachin
SC25 General Chair

- **SC:** The International Conference for High Performance Computing, Networking, Storage, and Analysis
- Co-sponsored by:



IEEE
COMPUTER
SOCIETY



- **SC25 General Chair is Lori Diachin** from Lawrence Livermore National Laboratory
- We'll describe conference components and give you tips for getting the most out of them

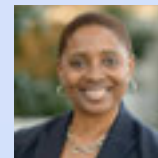
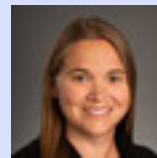
Finding Support at SC25

- The SC Conference is dedicated to providing a harassment-free conference experience for everyone. We do not tolerate harassment in any form.
- **ACM** and **IEEE CS** have policies against discrimination and harassment
sc25.supercomputing.org/attend/code-of-conduct
- Both offer support for members and conference attendees in reporting policy violations:
 - **SIGHPC CARES**
 - **IEEE CS Assist**

SIGHPC CARES

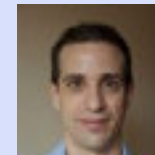
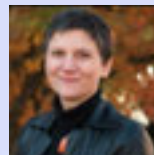
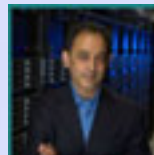
www.sighpc.org/events/cares

- Committee to **Aid RE**porting on discrimination and hara**S**sment policy violations
- If you witness a violation of ACM policies at SC25, here's what you can do:
 - Visit the SIGHPC Booth by Registration
 - Send an email to **cares@sighpc.org**
 - Talk to someone with the CARES button
 - Connect with a CARES Member!



IEEE Assist

- The IEEE CS Committee to Assist in Reporting Ethics & Conduct Violations (CS Assist) is on-site to help anyone who needs it report any issues to the IEEE Ethics Reporting Line or other appropriate authority.
 - Send an email to assist-sc@computer.org
 - IEEE Ethics Reporting Line: www.ieee-ethics-reporting.org | +1 888 359 6323
 - For more information: legal.ieee.org/compliance/ieee-ethics-reporting-line





SC25

St. Louis, MO | hpc
ignites.

Program

What may I attend?

- Workshop and Tutorials are different
- Everyone can attend the Keynote, HPC Creates Plenary, Panels, Art of HPC Display, Job Fair, Early Career, and Students@SC programs
- Everyone with Technical Program has the Digital Experience
- Depending on your registration level, some events require ticket purchase:
 - Grand Opening Gala Reception
 - Night Technical Reception



sc25.supercomputing.org/attend/registration/#whatyouget

PROGRAM	IN-PERSON					DIGITAL EXPERIENCE	
	Technical Program <small>(Includes Workshops)</small>	Workshops Only	Tutorials	Exhibits Only	Exhibitor <small>(Attn. Booth Staff)</small>	Technical Program <small>(Includes Workshops)</small>	Tutorials
All in-person registrants receive access to the Digital Experience commensurate with each registration category. Login instructions are included in the registration confirmation email.							
Keynote (TUE)	✓	✓	✓	✓	✓	✓	✓
HPC Ignites Plenary (MON)	✓	✓	✓	✓	✓	✓	✓
Panels (FRI ONLY)	✓	✓	✓	✓	✓	✓	✓
Posters Display (TUE-THU)	✓			✓	✓	PDF & Voiceover	
Art of HPC Display (SUN-FRI)	✓	✓	✓	✓	✓		
Students@SC Programming	✓	✓	✓	✓	✓		
Awards (TUE)	✓					✓	
Award Ceremony (THU)	✓			✓	✓	✓ No Q&A	
Birds of a Feather (TUE-THU)	✓			✓	✓	✓	
Doctoral Showcase (WED)	✓					✓	
Early Career (MON)	✓	✓	✓	✓	✓		
Exhibits (TUE-THU)	✓			✓	✓		
Exhibitor Forum (TUE-THU)	✓			✓	✓	✓	
Invited Talks (TUE-THU)	✓					✓	
Panels (TUE-FRI)	✓					✓	
Papers (TUE-THU)	✓					✓	
Research Poster Presentations (WED)	✓					✓	
Exhibitor Reception (SUN)					✓		
Grand Opening Gala Reception (MON)	✓	Tickets Available at Registration for \$125	Tickets Available at Registration for \$125	Tickets Available at Registration for \$125	✓		
Posters Reception (TUE)	✓						
Technical Program Reception (THU)	✓	Tickets Available at Registration for \$125	Tickets Available at Registration for \$125	Tickets Available at Registration for \$125			
Tutorials (SUN-MON)			✓				✓
Tutorial Lunches (SUN-MON)			✓				
Tutorial Notes (ELECTRONIC ACCESS)			✓				✓
Workshops (SUN, MON, FRI)	✓	✓				✓	

Badges

You need a badge to get into any SC event!

Exhibitor (points to Exhibitor badge)

Workshop (points to Workshop badge)

Student (points to Student badge)

Technical Program (points to Technical Program badge)

Tutorial (S)unday / (M)onday (points to Tutorial badge)

Role	Program Type	Access
Exhibitor	General	Exhibitor
Workshop	General	Workshop
Attendee	General	Attendee
Attendee	Technical Program	Attendee
Exhibit Hall Only	General	Exhibit Hall Only T-W-THU
Student	General	Student
Attendee	General	Attendee
Attendee	Tutorial	Attendee

What is Available?

Online schedule at sc25.conference-program.com

Choose session type (i.e., Papers, BoFs, Exhibits)

Choose topic area tags (i.e., AI, Algorithms, Exascale)

The screenshot shows the SC25 online schedule interface. At the top, there are tabs for days of the week (ALL, SUN, MON, TUE, WED, THU, FRI) and a 'Papers' filter. Below this is a dropdown menu for 'All Tags' with a hand icon pointing to it. The dropdown menu is open, showing a list of topic area tags: 'AI, Machine Learning, & Deep Learning', 'Algorithms', 'Algorithms, Numerical Methods, & Libraries', 'Applications', 'Applications & Application Frameworks', and 'Auto-tuning, Compilation, and System Cooperation'. A hand icon points to the 'AI, Machine Learning, & Deep Learning' tag. Below the dropdown is a table for 'Tuesday, 18 November' with columns for TIME, TYPE, CONTRIBUTORS, LOCATION, TAG, and ADD TO SCHEDULE. The table lists several sessions, including 'Paper' sessions by Lena Oden, Ali Jannesari, and Ian Karlin.

TIME	TYPE	CONTRIBUTORS	LOCATION	TAG	ADD TO SCHEDULE
10:30am - 12:00pm CST	Paper	Lena Oden	275	AI	+
10:30am - 12:00pm CST	Paper	Ali Jannesari	260-267	AI	+
10:30am - 12:00pm CST	Paper	Papers Overflow	274	AI	+
10:30am - 12:00pm CST	Paper	Papers Overflow	276	AI	+
10:30am - 12:00pm CST	Paper	Performance: Benchmarks and Optimization	263-264	AI	+
1:30pm - 3:00pm CST	Paper	Papers Overflow	274	AI	+



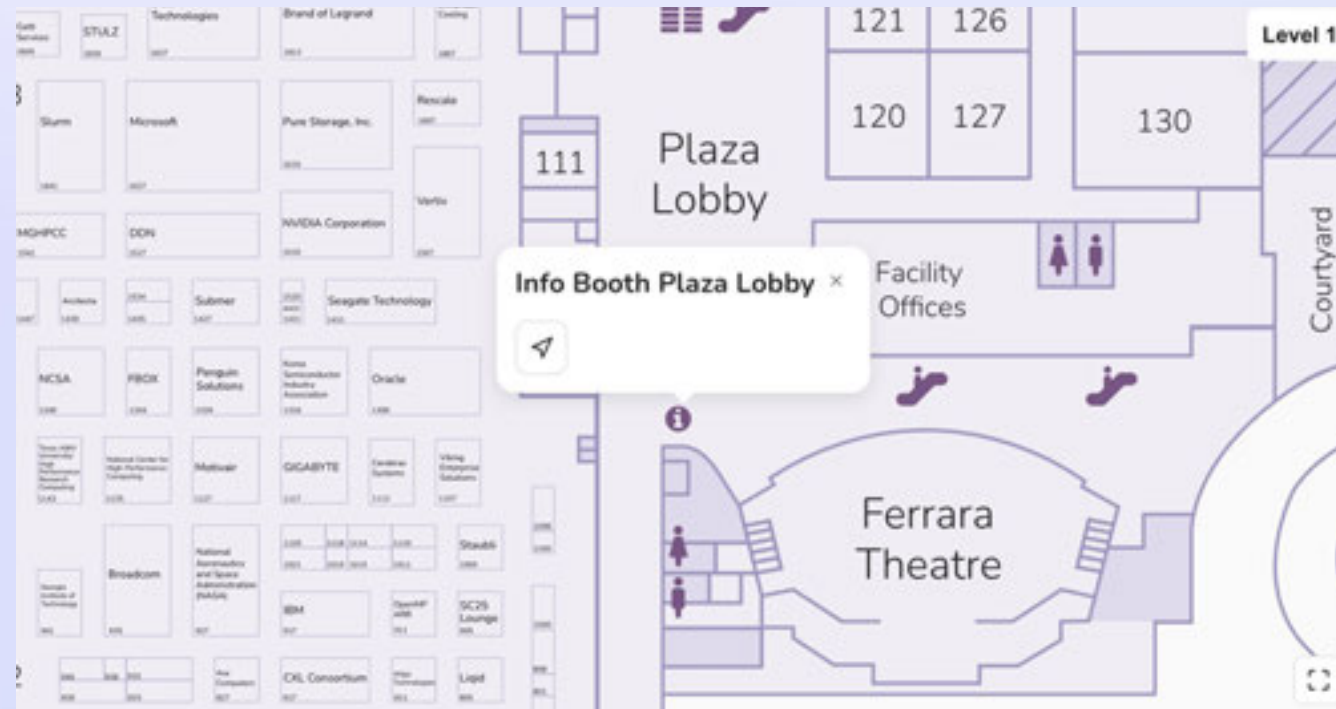
SC25

St. Louis, MO | hpc ignites.

**Convention
Center**

Wayfinding

- Located at the corner of the Ferrara Theater (hallway outside of Exhibit Hall 2 and 3)
- Visit to get directions or find answers to your questions
- Attendee “year” pins available



Food Options at the Convention Center

Outlet	Location	Saturday 11/15	Sunday 11/16	Monday 11/17	Tuesday 11/18	Wednesday 11/19	Thursday 11/20	Friday 11/21
Center Café	Washington Lobby	8a-4p	8a-4p	8a-4p	730a-4p	8a-4p	730a-4p	8a-1p
STL Market	Plaza Lobby	8a-4p	8a-4p	8a-4p	730a-4p	8a-4p	730a-4p	8a-1p
Stand 1 (Hi Pointe)	Hall 1	-	-	-	1030a-6p	1030a-6p	1030a-3p	
Stand 2 (Sugarfire)	Hall 2	-	-	-	1030a-6p	1030a-6p	1030a-3p	
Stand 3	Hall 3	-	-	-	1030a-6p	1030a-6p	1030a-3p	
Stand 7 (Steve's Hot dogs)	Hall 3	-	-	-	1030a-6p	1030a-6p	1030a-3p	
Stand 6 (Hall)	Hall 5	-	-	-	1030a-6p	1030a-6p	1030a-3p	
Stand 6 (Plaza)	Plaza Lobby North	-	11a-4p	11a-4p	1030a-6p	1030a-6p	1030a-3p	
Steve's Hot Dogs Portable	Plaza Lobby Admin Wall	-	11a-4p	11a-4p	1030a-6p	1030a-6p	1030a-3p	
Sugarfire Portable	Plaza Lobby Admin Wall	-	11a-4p	11a-4p	1030a-6p	1030a-6p	1030a-3p	
Barista Portable	Plaza Entrance	-			730a-4p	8a-4p	730a-4p	8a-1p
Bold Spoon Portable	Plaza Entrance	-			1030a-5p	1030a-5p	1030a-4p	
Mr. Papa's Food Truck	Washington Circle Drive	-	11a-3p	11a-3p	11a-7p	11a-7p	11a-7p	
Wok and Roll STL Food Truck	Washington Circle Drive	-	11a-3p	11a-3p	11a-7p	11a-7p	11a-7p	
Takozz Food Truck	Washington Circle Drive	-			11a-7p	11a-7p	11a-7p	
Farm Truck Food Truck	Washington Circle Drive	-			11a-7p	11a-7p	11a-7p	



Digital Experience

SC25 Digital Experience

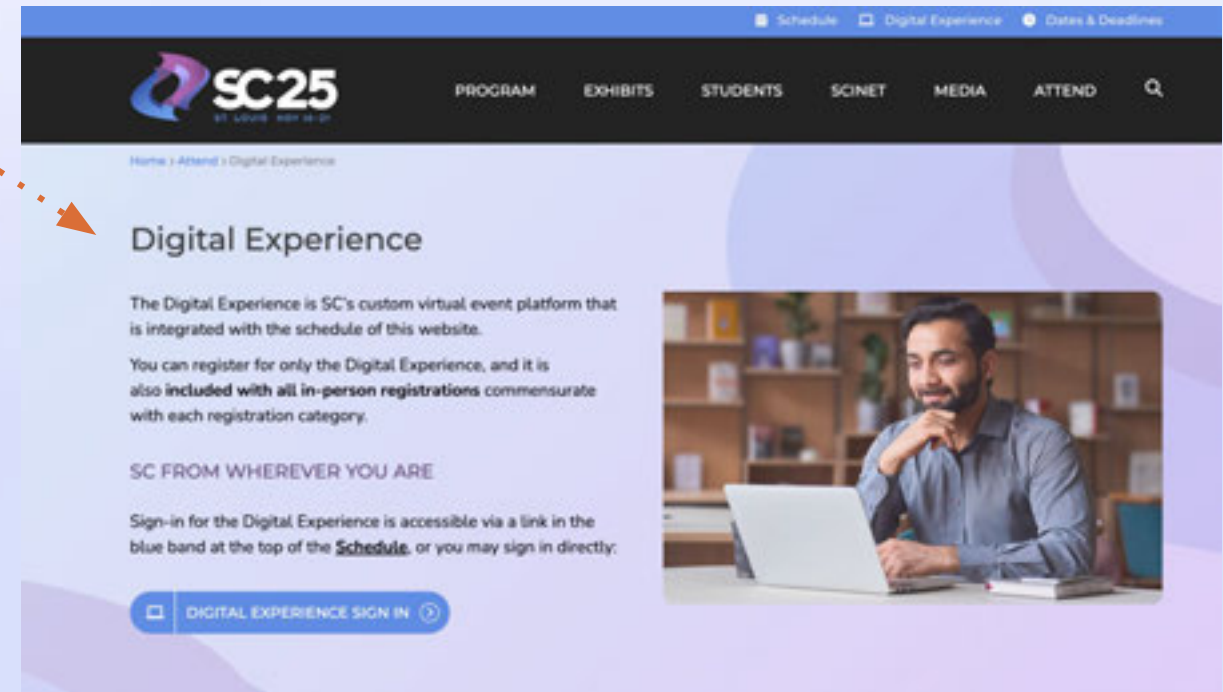
- The Digital Experience provides an online platform (website + mobile app) that will bring SC25 sessions to individuals around the globe who are unable to attend in person and to in-person attendees unable to attend a session.
- Most of the Technical Program sessions will be synchronously live-streamed.
sc25.supercomputing.org/attend/registration/#whatyouget
- There will be a delay of about 15 seconds for all live-stream content to allow automatic closed captioning for the hearing impaired.
- All live-streamed sessions will be recorded and available on-demand within about 24 hours; the recordings will be accessible via the DE until **January 31, 2026**.
- You can register for the Digital Experience only, and it is also **included with all in-person registrations** commensurate with each attendee's registration category.

SC25 Digital Experience

- All registered SC25 attendees will receive an email invitation to the Digital Experience when it opens, a few days before the conference. Your initial login information is:
 - **username:** email address you used to register for SC25
 - **password:** SC25 registration confirmation number (in confirmation email and on your badge)
- You may change your SC25 Digital Experience password after your first login.
- The Digital Experience has been verified to work with the following browsers:
 - Google Chrome, Firefox, Safari, and Microsoft Edge
- Trouble accessing the Digital Experience?
 - sc-digital-experience-help@info.supercomputing.org
 - sc25.supercomputing.org/contact-us → Digital Experience General Questions

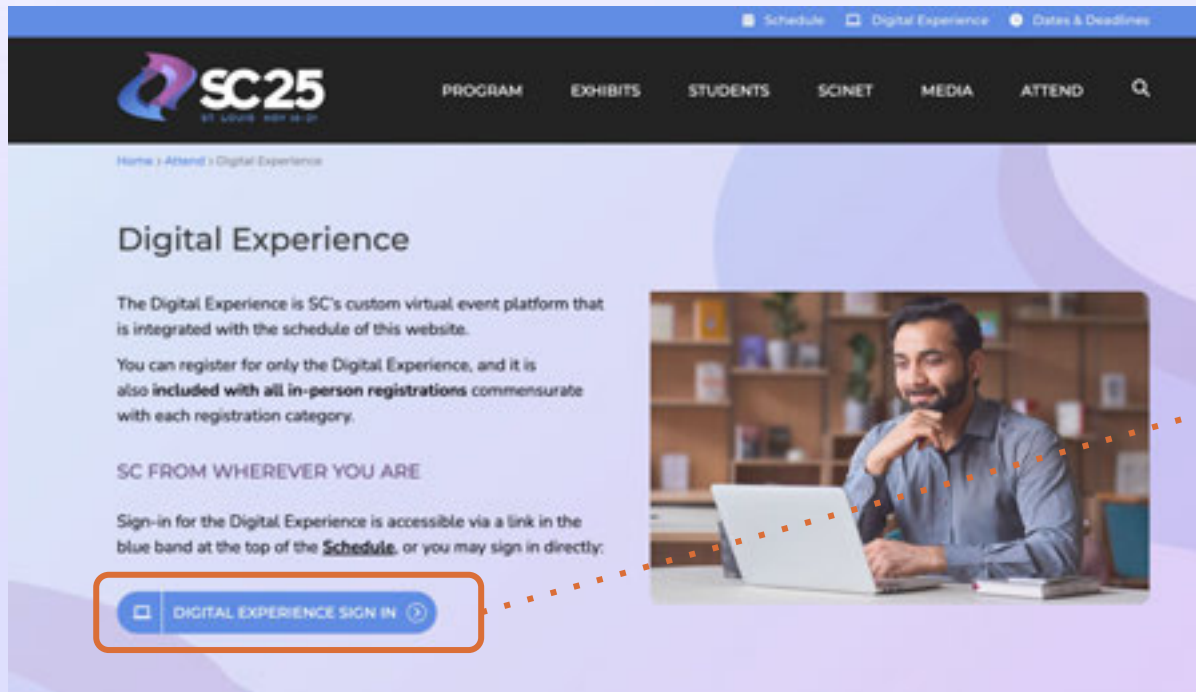
SC25 Digital Experience

Access the DE at sc25.supercomputing.org/attend/digital-experience

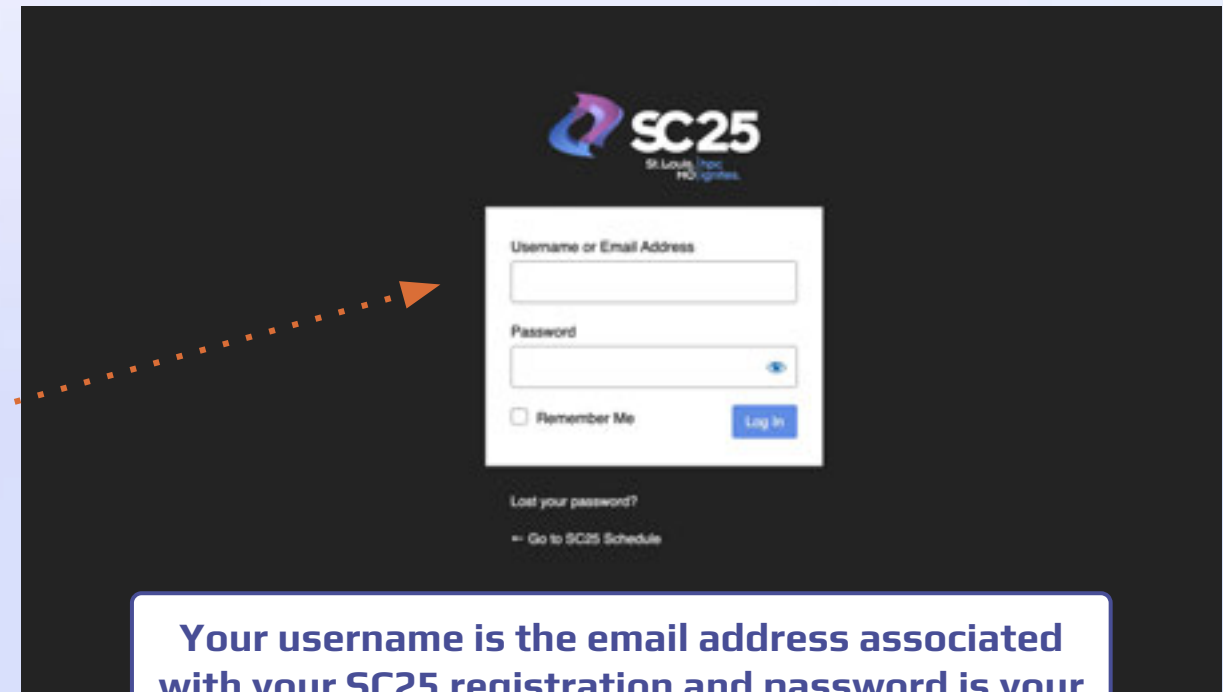


SC25 Digital Experience

Access the DE at sc25.supercomputing.org/attend/digital-experience



The screenshot shows the SC25 website's Digital Experience landing page. At the top, there is a navigation bar with links for Schedule, Digital Experience, and Dates & Deadlines. Below this is a main menu with links for PROGRAM, EXHIBITS, STUDENTS, SCINET, MEDIA, and ATTEND. The page title is "Digital Experience". The main content area features a large heading "Digital Experience" followed by a paragraph: "The Digital Experience is SC's custom virtual event platform that is integrated with the schedule of this website. You can register for only the Digital Experience, and it is also included with all in-person registrations commensurate with each registration category." Below this is a sub-heading "SC FROM WHEREVER YOU ARE" and another paragraph: "Sign-in for the Digital Experience is accessible via a link in the blue band at the top of the [Schedule](#), or you may sign in directly:". A blue button labeled "DIGITAL EXPERIENCE SIGN IN" is highlighted with an orange border. To the right of the text is a photo of a man sitting at a desk with a laptop. A dotted orange arrow points from the button to the login form on the right.



The screenshot shows the SC25 login form. It features the SC25 logo at the top. The form has two input fields: "Username or Email Address" and "Password". Below the password field is a "Remember Me" checkbox and a "Log In" button. At the bottom of the form, there is a link for "Lost your password?" and a link to "Go to SC25 Schedule". A dotted orange arrow points from the "DIGITAL EXPERIENCE SIGN IN" button on the left to the "Log In" button.

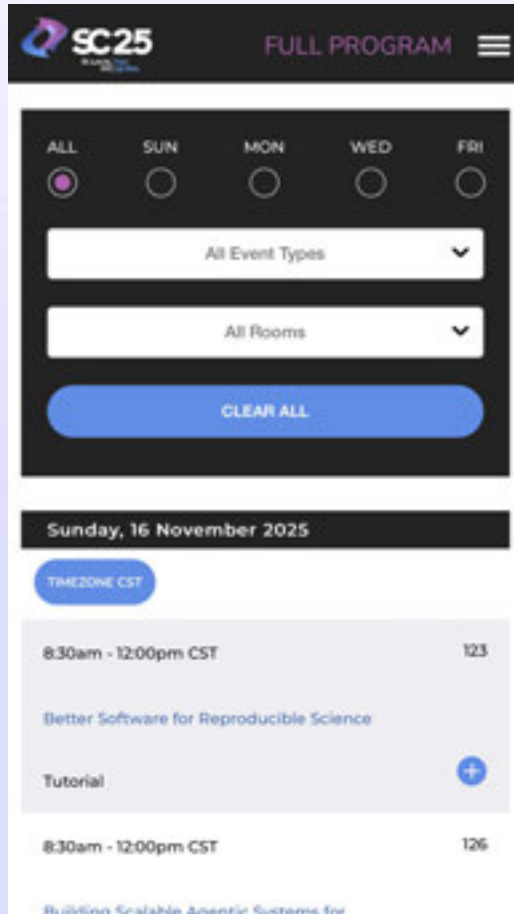
Your username is the email address associated with your SC25 registration and password is your SC25 registration confirmation number.

SC25 Mobile App



Support for using the app or any issues can be requested through the **app menu** or by stopping the **Info Booth**

SC25 Mobile App



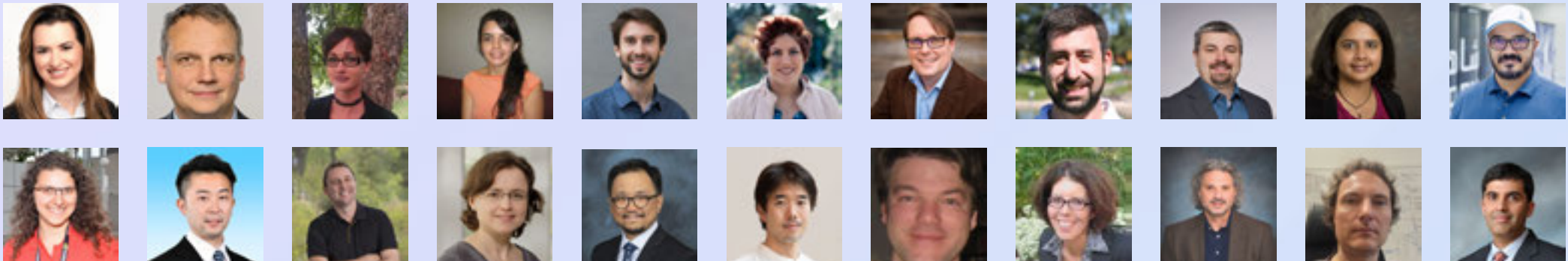
- See the full schedule
- Add sessions to your schedule
- Filter by event type
- Syncs between multiple devices (if logged in)
- Export to device/Outlook/Google calendar
- Notifications will be pushed out if user opts in
- Circular floor sticker QR codes that say "You are here" will take you to the map to help you navigate the convention center



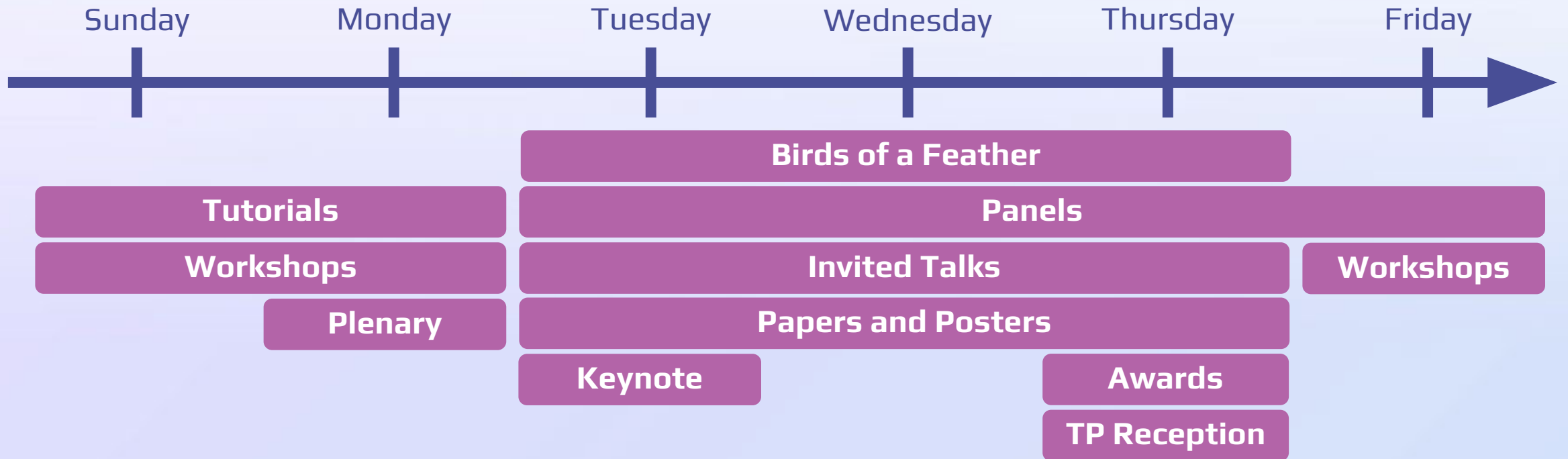
Technical Program

Technical Program

- **Amanda Randles** and **Martin Schulz**, Technical Program Chair
- 11 Program Elements, each with a Chair/Vice-Chair(s) managing each element
 - sc25.supercomputing.org/planning-committee
- 627 total members of the Technical Program Committee
 - Reviewed more than **1368 submissions** across all elements (without workshop papers)
 - A total of **4457 reviews** across all elements
 - Resulting in **473 individual contributions** (plus workshop papers)



Technical Program Timeline

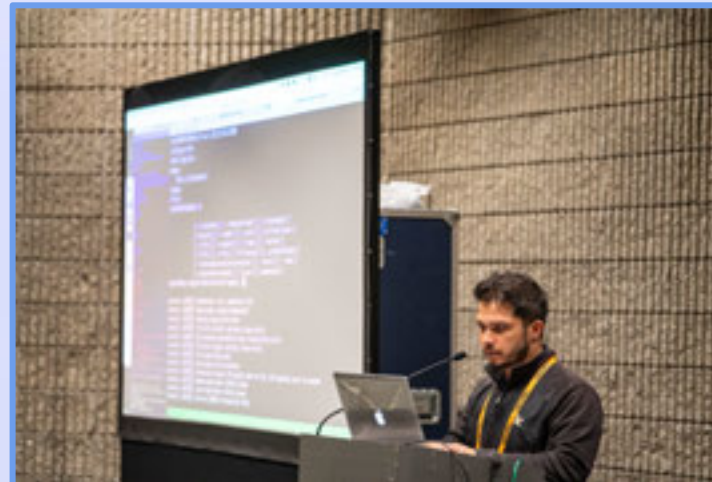


Technical Program Timeline

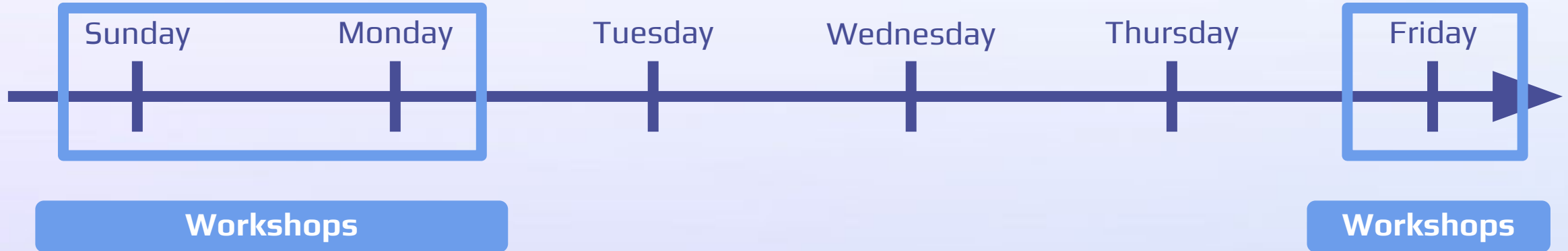


Tutorials

Hands-on sessions where attendees learn about tools and techniques from leading experts



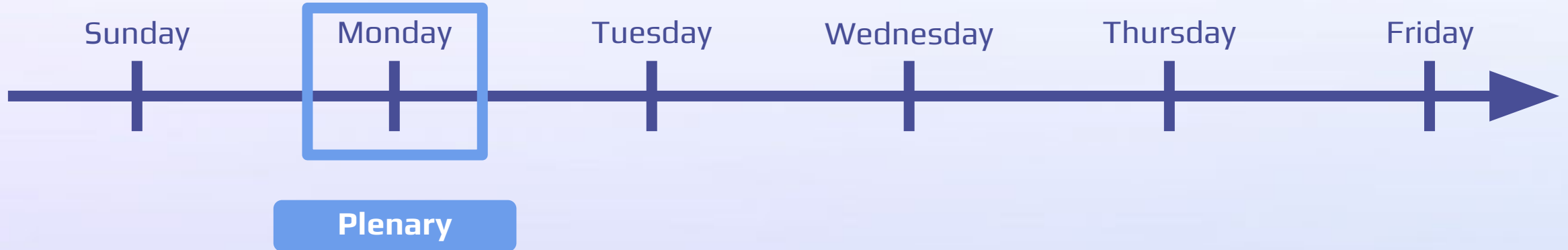
Technical Program Timeline



Self-contained “mini-conferences” consisting of peer-reviewed paper presentations and invited talks focused on a single broad topic



Technical Program Timeline



Moderated panel discussion with people who are experts in and/or embody the theme of the conference (e.g., "HPC Ignites")



Technical Program Timeline



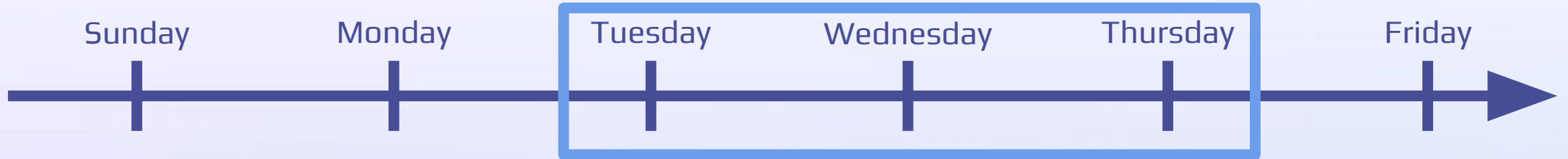
Keynote

Invited talk from a “visionary thought leader from our community”, connecting back to the theme of the conference



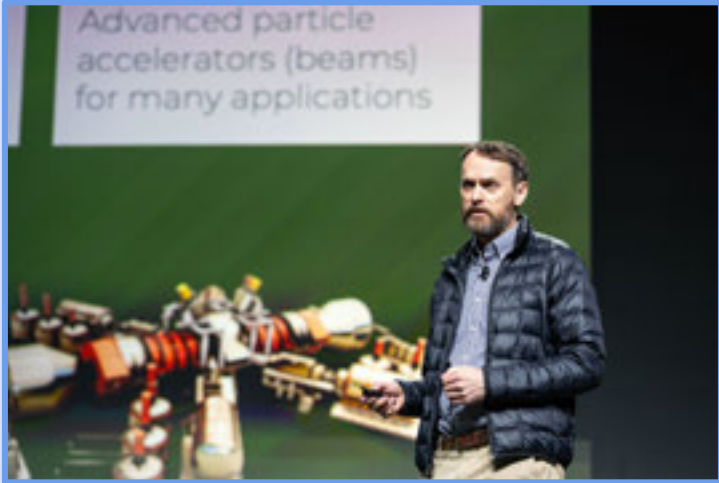
Gigatrends: The Exponential Forces Shaping Our Digital Future
Thomas Koulopoulos

Technical Program Timeline

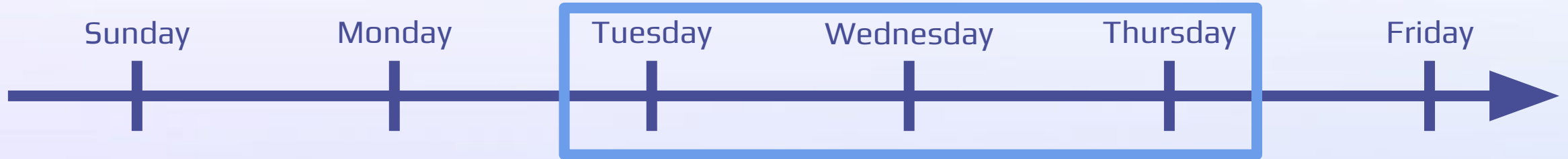


Invited Talks

More technically-oriented talks from invited speakers which touch on how HPC is used to address some of the most complex challenges today

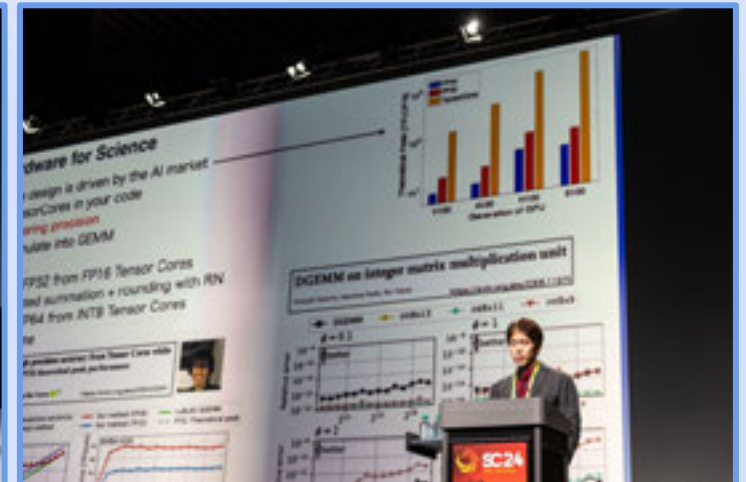


Technical Program Timeline

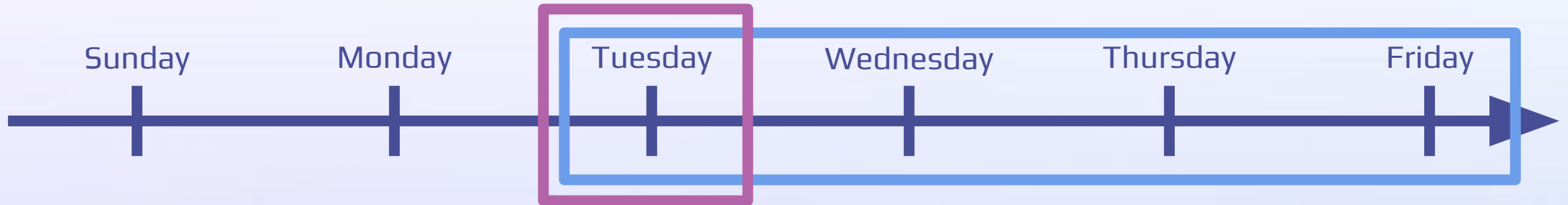


Papers

Venue for presenting high-quality novel research to be published in the official proceedings of the conference



Technical Program Timeline



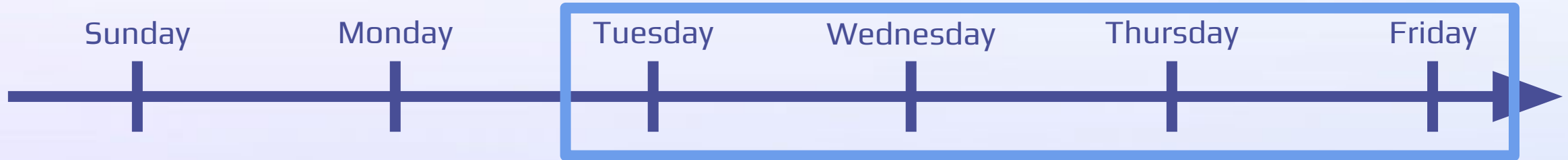
Posters

Venue for presenting in-progress or unpublished research and hold more informal conversations on the novel work in HPC

Posters Reception
Tuesday, Nov. 18, 5:15-7 pm
Second Floor Atrium



Technical Program Timeline

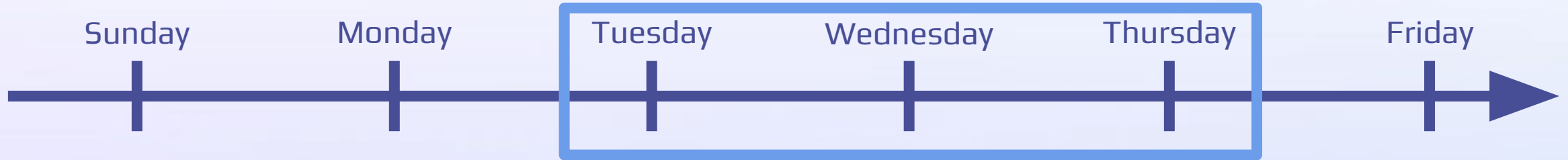


Panels

Sessions in which experts discuss and debate important topics in HPC and address questions, comments, and concerns from the broader community

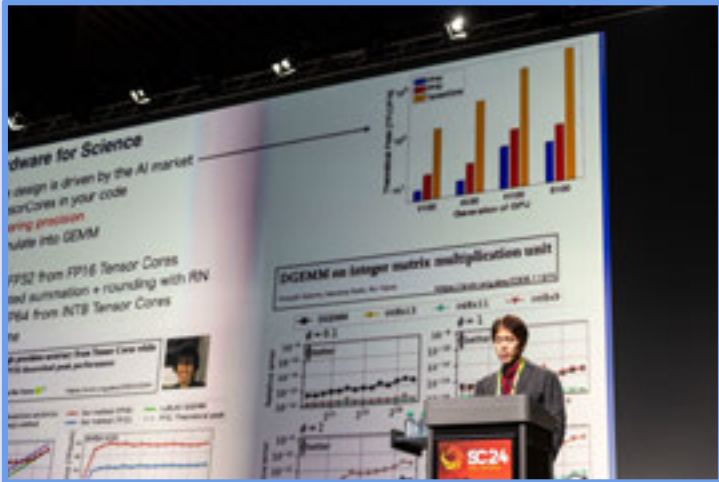


Technical Program Timeline

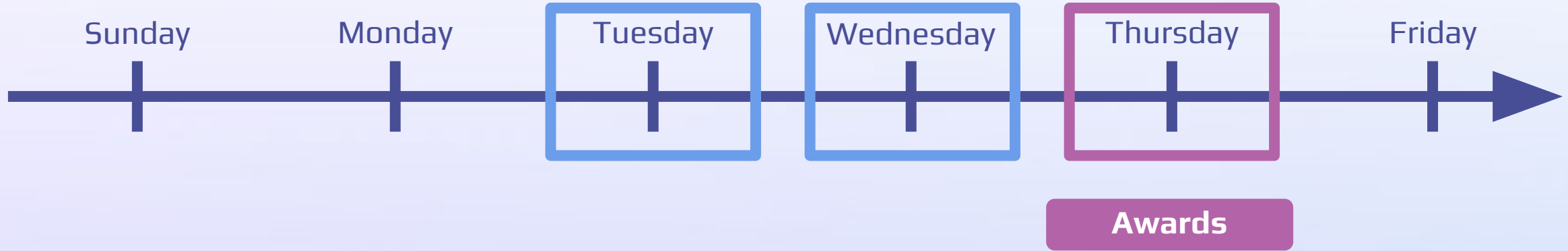


Birds of a Feather (BoF)

Venues for open discussions of and updates on specific topics of interest in the HPC community

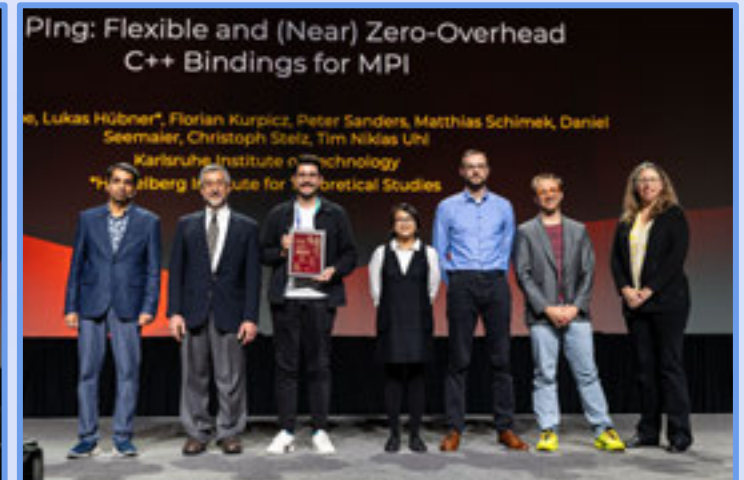


Technical Program Timeline

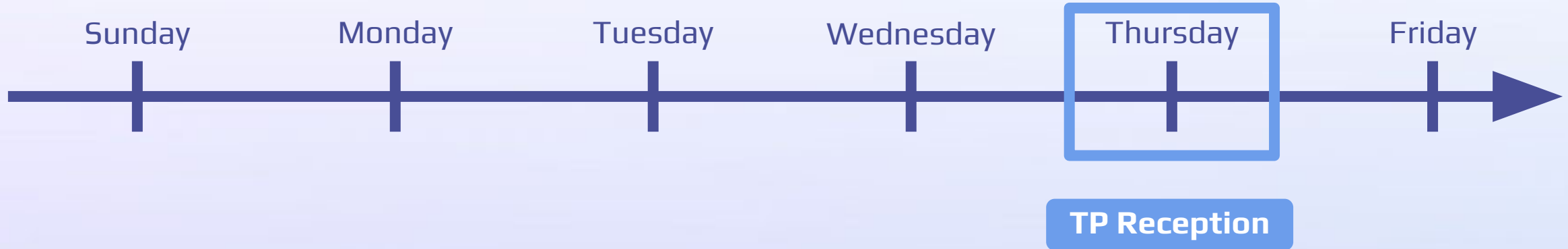


Presentations for best papers,
best research posters, ACM SRC,
Gordon Bell, Test of Time Awards

SC25 Awards Ceremony
Thursday, Nov. 20, 12:45-1:30 pm
America's Ballroom



Technical Program Timeline



Anyone with a technical program registration is welcome to attend the Technical Program Reception

Technical Program Reception
Thursday, Nov. 20, 6:30–9:30 pm
St. Louis Science Center





SC25

St. Louis, MO | hpc
ignites.

Exhibits

Exhibits Timeline

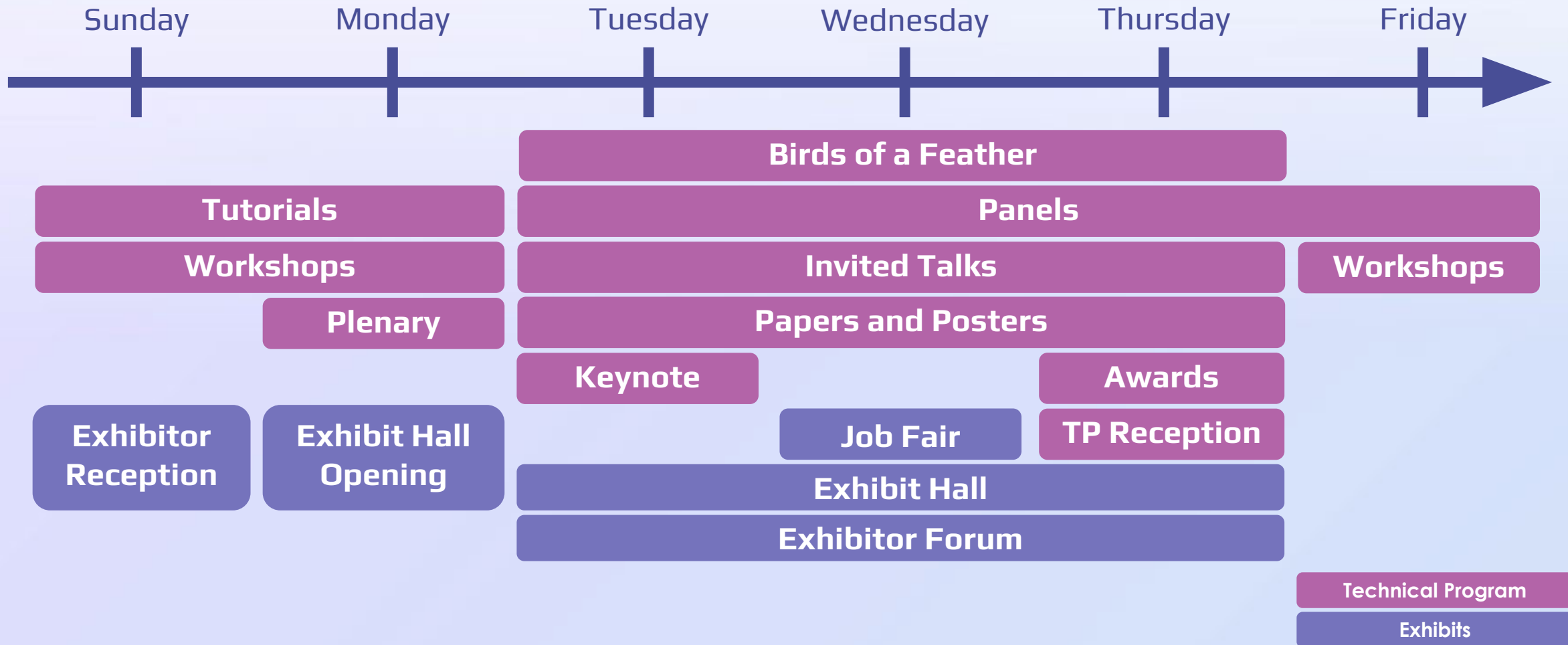


Exhibit Hall

- Exhibits are a core element of SC
 - **546** Exhibitors!
- Snacks & SWAG
 - Come visit the show floor at 10am and 2pm for local snacks (Booth 2447) and a SC25 SWAG item (Booth 6154) on Tuesday-Thursday
 - Quantities are limited so get there early!

Grand Opening Gala
Monday 7 - 9 pm

Opening Times
Tue - Wed: 10 am - 6 pm
Thur: 10 am - 3 pm



Exhibits: More than a Floor!

- **Exhibitor Forum**
 - 27 presentations in Room 130
 - Tuesday to Thursday from 10:30am – 5pm
- **Flash Talks**
 - Paid vendor talks
 - Stage located on exhibit floor
- Theme “islands” on the exhibit floor
 - HPC Illuminations Pavilion
 - Quantum Junction (21 companies)



Job Fair

- **Jane Herriman** is Chair for Job Fair
- Located in **Hall 6**
- More than **32 exhibitors** signed up for the Job Fair
- Check current Job Postings

sc25.conference-program.com/jobs

Job Fair Schedule
Wednesday, November 19
10:30 am-3 pm





Community Engagement

Community Engagement & Support

- Making all attendees feel welcome is important to SC
 - Families, Child Care, Prayer and Quiet Rooms
 - HPC Illumination Pavilion
 - Early Career Program
 - New Volunteers
 - Accessibility
 - Computers of the Future Art Project

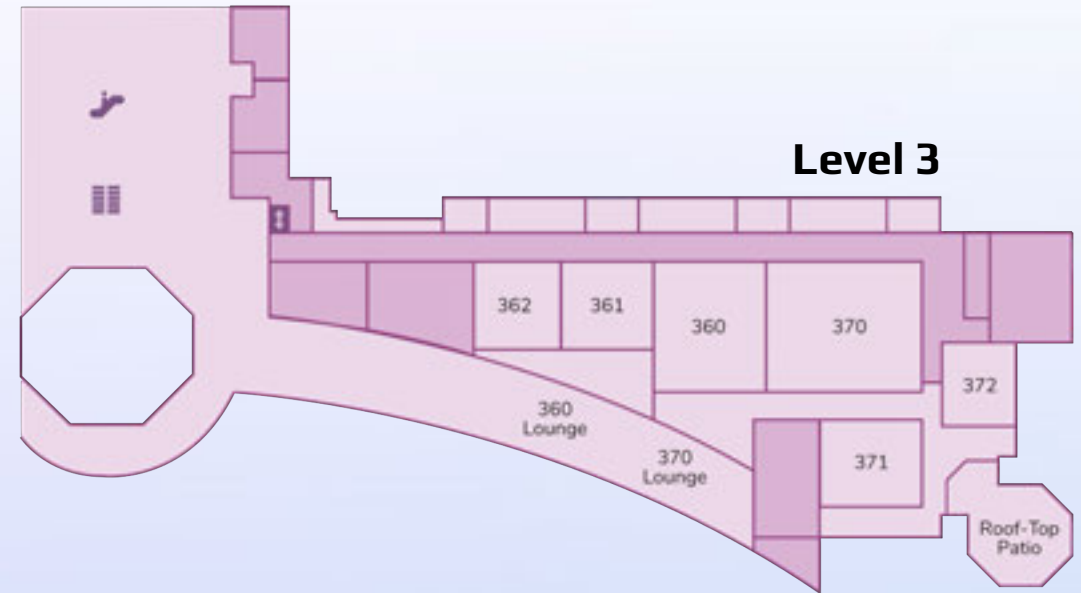
**Community
Engagement Office**
Room 360

Saturday, Nov 15, 9 am–4 pm
Sunday–Thursday, Nov 16–20, 8 am–5 pm
Friday, Nov 21, 8 am–12 pm



Community Engagement & Support

- **Community Engagement Office:** Room 360
- **Child Care Room:** Room 370
- **Parents Room:** Room 362
- **Mamava Pod (Lactation Pod):** Lobby
- **Quiet Room:** Room 361 (for sensory relief)
- **Prayer Room:** Room 372 (not for phone calls or working)
- For code of conduct/society policy violations:
 - Contact **ACM CARES** or **IEEE CS Assist** representative
 - People in Community Engagement Office can also help



Level 1





SC25

St. Louis, MO | hpc ignites.

Students@SC

Students@SC

- **Cohort programs**
 - Student Cluster Competition (SCC)
 - IndySCC
 - Student Volunteers
 - Lead Volunteers
 - SIGHPCI
- **Mentoring**
 - Mentor-Protégé Matching
 - Alumni Networking Event
 - Speed Mentoring



Students@SC

- Students@SC is the collective name for all the programs, sessions, mentoring, and activities for students at SC
 - Visit Students **Headquarters**: Locker Room AB
 - Visit the **Student Cluster Competition (SCC)**
- **Scott Michael** Students@SC Chair
- **Stephen Lien Harrell** Students@SC Vice-Chair



Students@SC

- **Activities**
 - Student Technical Sessions
 - Guided Interest Groups (GIGs)
 - Student Tours
 - Job Fair
- **Presenting**
 - ACM Student Research Competition (SRC)
 - Doctoral Showcase
 - Early Career Program



Student Programming

- Different sessions provided on Sunday and Monday
- Sunday
 - HPC and AI Crash courses
- Monday
 - Resume and Portfolio Workshops
 - Career Panel and 1:1 Career Coaching
- Check the **Students@SC calendar** for all events:
bit.ly/studentssc25cal
 - Some require pre-registration (indicated in the calendar)





SC25

St. Louis, MO | hpc ignites.

SCinet

SCinet Delivers SC to the World

- **Nathaniel Mendoza** and **Matt Zekauskas**, SCinet Chair/Vice-Chair
- **SCinet**: Cutting-edge network for SC
 - Cutting Edge **Wireless** Internet
 - SC25 wireless powered by WiFi 6E
 - Used by SC staff, conference exhibitors, and attendees
 - **Wired** Networking Services
 - SCinet delivers wired connectivity to booths in the exhibitor halls, meeting rooms, committee offices
 - Student Cluster Competition
 - **High Performance Networking**
 - Ultra fast and low latency network paths to remote resources all over the world
 - Delivered by cutting edge networking technology



SC25

St. Louis, MO | hpc
ignites.

Volunteer

Volunteering for SC26

- SC is a volunteer-driven conference
- To learn more and indicate your interest

sc25.supercomputing.org/attend/volunteer

- Roles are filled earlier than many people think
- Current submissions will go to **SC26 committee**
- **Deadline** for submissions is **December 31st, 2025**



Kevin Hayden
SC26 General Chair

Share you SC Experience!

When posting photos on LinkedIn, Facebook, or Instagram use one or both hashtags:

#SC26 #HPCignites

[linkedin.com/company/sc-conference](https://www.linkedin.com/company/sc-conference)

[facebook.com/SCconferences](https://www.facebook.com/SCconferences)

[instagram.com/sc_conference](https://www.instagram.com/sc_conference)

Useful URLs

- Conference Website: sc25.supercomputing.org
- Conference Program: sc25.conference-program.com
- Mobile App: sc25.supercomputing.org/attend/schedule/mobile-app
- Volunteer Interest Form: sc25.supercomputing.org/attend/volunteer
- Housing: sc25.supercomputing.org/attend/housing
- IEEE CS Assist and ACM CARES:
sc25.supercomputing.org/attend/code-of-conduct

 **SC25** hpc ignites.

The
INTERNATIONAL CONFERENCE for **NOV 16-21**
HIGH PERFORMANCE COMPUTING
ST. LOUIS, MO NETWORKING, STORAGE, & ANALYSIS

SC25 for First-Time Attendees

SPONSORED BY



Association for
Computing Machinery

sighpc



IEEE
COMPUTER
SOCIETY

TCHPC