



# SC20

Atlanta, GA | more than hpc.

## Students@SC

Whether you're an undergraduate or graduate student with an interest in high performance computing, or a PhD student about to enter the job market, getting involved in the Students@SC program can help identify your possibilities within the field of HPC. With opportunities for professional development and guidance from mentors, the Students@SC program helps facilitate students' transition into the greater HPC community.

### Check It Out, Students

You're generation next.  
Get with the student program at SC.



## Get Involved

Take a deep dive into the mechanics of SC by volunteering, or put your HPC skills to the test by participating in one of the competitions offered.

### Student Volunteers

Calling all undergraduate and graduate students! Volunteers assist conference operations and can also participate in the Technical Program. Travel support is available.

### HPC Immersion

For undergraduate students early in their academic career seeking an introduction to high performance computing. Students will be guided through the SC Technical Program and meaningfully engage in activities including technical talks and workshops to gain an understanding of career options in computer science, computer engineering, and computational science.

### Student Cluster Competition

Teams of undergraduate students from around the world put their skills to the test building, operating, and tuning powerful cluster computers in this high-powered competition.

### Computing4Change (C4C)

An exciting social computing challenge involving data science and analytics for undergraduate students, hosted at SC. Travel support is available.

### All Student Conference Attendees

Regardless of your participation in the above, there are plenty of opportunities and activities for students attending the conference including workshops, technical sessions, and speed mentoring!

## Mentoring

The Students@SC program offers a variety of mentoring programs. Finding your mentor is easy at SC20!

### Mentor-Protégé Matching

Be matched with a mentor who provides personal insight into your career trajectory and the ins and outs of the HPC world. Establish a lasting mentoring connection. Participants are invited to a breakfast before the Keynote to get to know their mentor.

### Speed Mentoring

Get to know your fellow attendees in a fast-paced speed mentoring session open to all conference attendees.

### Students@SC Alumni Networking Session

This informal reception is open to all members of the SC20 student cohorts (Student Volunteers, Student Cluster Competition, C4C, HPC Immersion) and alumni of our programs, including all current programs as well as Broader Engagement, HPC for Undergraduates, and the LittleFe challenge.

## Activities

All Students@SC participants are invited to take part in these activities during the conference.

### Job Fair

This face-to-face event is the perfect place to discover and meet with potential employers. Open to all student conference attendees. We've supplied guidelines for students and recruiters.

### Student Tours

Local student groups are invited to visit the SC Conference, where they can attend talks on high performance computing and take a guided tour of the Exhibits Hall.

### Student Sessions

In addition to access to the SC Technical Program, a robust program of student-specific sessions is organized for all student attendees. Topics will include those aimed at advancing hard skills, such as communicating about your research, and soft skills, such as overcoming hurdles in school. Several beginner-level technical sessions will also be arranged.

### Scavenger Hunt

Follow clues throughout the Exhibits Hall and convention center to compete for prizes with other Students@SC participants!

### Capture the Flag

Join your peers for a Capture the Flag game night! This event will feature a Jeopardy-style competition involving puzzle solving and challenges across a range of categories. The challenges will cover topics including coding, web hacking, lock picking, and more.

## Programs

The SC Program features three components geared specifically toward students and young professionals.

### ACM Student Research Competition

The ACM Student Research Competition showcases original research from undergraduate and graduate students, with winners selected based on poster content and presentation quality.

### Doctoral Showcase

The Doctoral Showcase provides an opportunity for PhD students to present their dissertation research in the form of short talks and poster presentations.

### Early Career

Past your student days? The Early Career program is a series of workshop-style sessions intended to help guide early-career researchers within the first five years of a permanent position in navigating a successful career path.



The International Conference for High Performance Computing, Networking, Storage, and Analysis

Program: November 15–20, 2020  
Exhibits: November 16–19, 2020

Georgia World Congress Center, Atlanta, GA



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