



Dallas, TX | hpc inspires.

Program November 11-16, 2018
Exhibits November 12-15, 2018

KAY BAILEY HUTCHISON CONVENTION CENTER DALLAS

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

sc18.supercomputing.org

Plan now to discover, share, and be inspired at SC18 in Dallas. Our community of scientists, engineers, researchers, educators, programmers, system administrators, and developers once again gathers for a program unequaled in the world. And your participation makes it happen.



Take in technical presentations, papers, workshops, informative tutorials, timely research posters, and Birds of a Feather (BoF) sessions.



Explore exhibits showcasing the latest technologies and accomplishments from the world's leading vendors, research organizations, and universities.



Enjoy several days in Dallas – recently named one of the country's top technology cities, and home to great amenities, food, and nightlife.

call for participation

We invite you to participate in the many aspects of SC18.

Program

The SC Program is highly competitive and one of the broadest of any HPC conference. The Program's components range from invited talks, panels, and research papers to tutorials, workshops, posters, BoF sessions, and a graduate showcase. SC Awards recognize the best of HPC, both the rising stars and those who have made a lasting impression.



Submit your excellent work to SC18. The Program is designed to develop and share best practices in areas such as system and center management; large-scale deployment and integration; system enhancement and effectiveness improvements; benchmarking; user and application support experience; the convergence of big data and extreme computing; large system procurement; and procedures and policy determination.



Whether you are unveiling new research, working at the leading edge in state-of-the-art practice, or helping teach HPC to the next generation, being part of the SC Program greatly enhances any HPC career.

Students@SC

The SC Conference continues its mission to build a strong and diverse HPC student community at both the undergraduate and graduate levels, through professional development programs, opportunities to learn from mentors, and engagement with SC's technical sessions.



By encouraging a strong student community centered around HPC, the Students@SC program helps bridge the transition into the broader professional community.

SCinet

Custom-built each year, SCinet is the conference's dedicated, high-performance research network, built by more than 180 volunteer networking experts from industry, academia, and government. During conference week, SCinet is the fastest and most powerful network in the world.



Network researchers are encouraged to submit papers proposing new and innovative ideas that stretch SCinet and network research beyond the limits of today's technology.

30th Anniversary

It's been 30 years since SC first convened in 1988. We'll celebrate this milestone at SC18 with a number of activities that highlight the evolution of the conference, supercomputing, HPC, and related technologies.



Visit the SC18 website to discover how you can help with the 30th Anniversary activities and participate in special submissions.

deadlines

Program

January 2018
Workshops: Submissions Open

February 2018
ACM Student Research Competition, Student Volunteers: Applications Open

BoF, Doctoral Showcase, Early Career, Emerging Technologies, Exhibitor Forum, HPC for Undergrads, Panels, Posters, Tutorials, SciViz Showcase, Student Cluster Competition: Submissions Open
Workshops: Submissions Deadline

March 2018
Papers: Submissions Deadline

April 2018
Panels, Student Cluster Competition, Tutorials: Submissions Deadline

May 2018
SCinet Network Research Exhibition: Submissions Open

June 2018
Papers: Re-submission Deadline
Student Volunteers: Deadline

July 2018
ACM Student Research Competition, BoF, Doctoral Showcase, Early Career, Emerging Technologies, Exhibitor Forum, HPC for Undergrads, Posters, SciViz Showcase: Submissions Deadline

August 2018
SCinet Network Research Exhibition, INDIS: Submissions Deadline

Awards

March 2018
ACM SIGHPC/Intel Fellowships in Computational & Data Science
Submissions Open

ACM Gordon Bell Prize
Submissions Deadline

April 2018
Test of Time

ACM SIGHPC/Intel Fellowships in Computational & Data Science
Submissions Deadline

May 2018
ACM/IEEE-CS George Michael Memorial HPC Fellowship
Submissions Open

July 2018
ACM/IEEE-CS Ken Kennedy Award
IEEE-CS Seymour Cray Computer Engineering Award
IEEE-CS Sidney Fernbach Memorial Award
Nominations Deadline

August 2018
IEEE-CS TCHPC Award for Excellence for Early Career Researchers in HPC
Nominations Deadline



Please note the general submission timeline. Be sure to confirm specific dates as they become available at:

submissions.supercomputing.org



Sponsored by:



↑ call for participation

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HPC Inspires

HPC brings together computing systems and brilliant minds in pursuit of a better world and a better understanding of our place in the cosmos.

Together we explore, engage, innovate, and collaborate. Because the conversations we have today lead to more than theories of a distant future – they become tomorrow’s reality.

Our quest continues at SC18.



stay up to date

SC Blog

Take a deeper dive into the world of SC. An excellent resource for all conference-related happenings. With archives dating back to 2015, reference past SC conference content and experiences.

- ✉ Visit the SC18 website and sign up to receive the SC Newsletter and blog posts in your inbox:

sc18.supercomputing.org

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