

CALL FOR PARTICIPATION

PEARC21- Evolution Across All Dimensions

July 18-22, 2021 | Virtual

pearc.acm.org/pearc21/call-for-participation

General Conference Chair

Joe Paris
Northwestern University

Conference Co-Chairs

Betsy Hillery
Purdue University

Jackie Milhans
Northwestern University

Technical Program Chair

Sharon Broude Geva
University of Michigan

Technical Program Co-Chairs

Patrick Schmitz
Semper Cogito Consulting

Bob Sinkovits
San Diego Supercomputer Center

Proposal Types for PEARC21

- Birds of a Feather Sessions
- Panels
- Poster Presentations
- Technical Papers
- Tutorials
- Visualization Theater
- Workshops

Follow us!

Twitter: @PEARC_Conf
Facebook: PEARChpc
Newsletter: pearc.acm.org/pearc21/news

Questions? Contact us at:

pearcinfo@googlegroups.com

SUBMISSION DEADLINES

Tutorials and Workshops: February 9, 2021

Full Papers: March 9, 2021

Short Papers: April 13, 2021

Panels: May 9, 2021

Birds of a Feather: May 9, 2021

Posters: May 16, 2021

Visualizations: May 23, 2021

Program

The ACM **Practice and Experience in Advanced Research Computing** (PEARC) Technical Program Committee invites you to submit technical content proposals for the ACM PEARC21 Conference – *Evolution Across All Dimensions* which will be held from July 18-22, 2021. Submissions may address any topic related to advanced research computing and data, but topics consistent with one or more of the following three technical tracks are of particular interest. Submissions may take several forms as indicated below. Authors need to plan for virtual delivery in their presentations. All proposers (including Tutorial and Workshop submissions) must take this into account.

ACM PEARC21 brings together community thought leaders, CI professionals, and students to learn, share ideas, and craft the infrastructure of the future. The ACM PEARC21 student program will provide students with a range of opportunities to participate in both student activities and the full technical program so that they may share their research efforts and gain insights and inspiration from like-minded individuals at the conference.

Technical Tracks

Applications and Software

Practice and experience relating to the use of advanced research computing to address problems in the physical and life sciences, social sciences, arts and humanities, computer science, engineering, education, manufacturing, government and other fields.

Systems and System Software

Practice and experience relating to the system (compute, storage, visualization, containerization, infrastructure and network hardware) and system software that drives the "hardware" operations side of cyberinfrastructure and research computing environments.

Workforce development, Training, Diversity, and Education

Practice and experience in developing and sustaining advanced research computing as a profession, and developing a highly proficient workforce that realizes the full potential of people in all demographic groups.

PEARC Conference Series

ACM SIGHPC sponsors the PEARC conference series. As the world's largest computing society, ACM strengthens the profession's collective voice through strong leadership, promotion of the highest standards, and recognition of technical excellence. The PEARC conference series provides a forum for discussing challenges, opportunities, and solutions among the broad range of participants in the research computing community. This community-driven effort builds on the successes of the past and aims to grow and be more inclusive by involving additional local, regional, national, and international cyberinfrastructure and research computing partners spanning academia, government and industry. The ACM PEARC conference series is working to integrate and meet the collective interests of our growing community.