

EduPar-24: 14th NSF/TCPP Workshop on Parallel and Distributed Computing Education**Message from the EduPar-24 Workshop Chairs**

Welcome to the proceedings of the NSF/TCPP Workshop on Parallel and Distributed Computing Education, EduPar-24! This workshop, conducted alongside the IEEE International Parallel and Distributed Processing Symposium (IPDPS), is dedicated to advancing educational and curricular innovations and resources for undergraduate and graduate education in Parallel and Distributed Computing (PDC). EduPar serves as a forum where individuals from academia, industry, and various educational and research institutions converge to explore novel ideas, tackle challenges, and share experiences concerning PDC pedagogy and curricula. The workshop is closely aligned with the IEEE TCPP curriculum initiative on parallel and distributed computing for Computer Science and Computer Engineering undergraduates (<https://tcpp.cs.gsu.edu/curriculum/>), and it receives support from the NSF and the NSF-sponsored Center for Parallel and Distributed Computing Curriculum Development and Educational Resources (CDER).

EduPar-24 will occur in San Francisco, CA, on May 27, 2024. Further details for attending the workshop can be found on the IPDPS webpage (<http://www.ipdps.org/>). The complete online proceedings of EduPar-24 are available on the EduPar-24 webpage: <https://tcpp.cs.gsu.edu/curriculum/?q=edupar24>.

This year's program promises to be exciting. Professor Charles E. Leiserson from the Massachusetts Institute of Technology (MIT) will deliver a keynote entitled "Every Computer Science Department Should Include Software Performance Engineering in Its Curriculum." Alongside the keynote address, there will be three paper sessions, a session showcasing short, easily implemented assignments demonstrating the use of PDC topics in computing, a poster session, and a brief update on the CDER Center's TCPP curriculum. The workshop will conclude with updates on community happenings and upcoming PDC and HPC events and workshops.

Our excellent EduPar-24 program owes much to the efforts of a robust and diverse program committee. In Track 1 (focused on educational research), we received seven full paper submissions; in our inaugural Track 2 (centered on PDC research to education), we received eight submissions. Among these, four submissions were accepted in Track 1, and five in Track 2. Additionally, two "peachy" assignment submissions were accepted, along with one poster submission. Our expert program committee evaluated each manuscript thoroughly, with three to four reviews per submission, focusing on significance, innovation, technical quality, and reproducibility. We sincerely thank the program committee members for their timely and comprehensive assessments and dedicated contributions to the program's success.

We also thank the IPDPS Workshop Chair, Ananth Kalyanaraman, Vice Chair, Suren Byna, and Proceedings Chair, Zhuozhao Li, for their support in ensuring the success of EduPar-24. Lastly, the workshop owes its success to the invaluable guidance and substantial efforts provided by the CDER center investigators, who served as the EduPar organizing committee.

Sushil K. Prasad, Workshop Chair

Mary L. Smith, Program Committee Chair

Srishti Srivastava, Vice Program Committee Chair

David Bunder, Peachy Assignments Chair

Satish Puri, Poster Chair