Message from the
OSDI '23 Program Co-Chairs

Dear Colleagues,

Welcome to the 17th USENIX Symposium on Operating Systems Design and Implementation (OSDI '23).

Once again, we are co-locating OSDI and the USENIX Annual technical Conference (USENIX ATC '23). We are excited to be back in person in these two forums for such a large gathering of technical experts across academia and industry. We hope you come away from OSDI and USENIX ATC inspired, refreshed and re-engaged with the wider systems research community!

This year, OSDI received 255 submissions. We accepted 50 submissions, which is a 19.6% acceptance rate. This is inline with the 253 submissions and 19.4% acceptance rate from last year. In addition to the 50 papers accepted this year, 5 additional papers were accepted from the OSDI '22 Revise and Resubmit process. This brings the total program to 55 papers presented at OSDI across an incredibly wide breadth of areas of focus. Although this is 6 more papers than last year, we continue to be committed to a single-track conference at OSDI and have put together a 3-day program for all 55 papers.

Given the large number of submissions, we formed a program committee of 86 members in addition to the two program co-chairs. There were also 5 external reviews where a particular area of expertise or evaluation was needed on a single paper. We are very grateful to the program committee for their diligence, focus, and optimism during the review process. OSDI is known for high quality reviews that help and inform the authors to produce their very best work.

The program committee reviewed submissions in two rounds. Every paper received at least three reviews in the first round. Roughly 40% of the papers were rejected during the first round of reviews. One paper was accepted after the first round of reviews concluded, and the remainder advanced to the second round. Papers then received 2 or 3 additional reviews. Subsequently, the PC had an asynchronous online discussion phase where an additional 35 papers were accepted and 77 papers were rejected. Thirty six papers were advanced to a synchronous, online two-day PC meeting. We purposefully organized the PC meeting by topic area, which allowed experts who might not have a paper in a particular area up for discussion, to dial in and participate in the areas most relevant to them. We finished the PC meeting on time, and had a great discussion from PC members all over the world. Each accepted paper was assigned a shepherd to work with the authors to revise the paper in response to reviewer feedback. The committee completed more than 1,000 reviews and posted hundreds of comments as part of the online discussion process. Finally, we did allow one of the program co-chairs to submit a paper. However, the paper was assigned a "paper administrator," and neither co-chair had any involvement in the review of that paper, and both were informed of the paper's outcome after the PC meeting concluded.

The program committee also chose to continue the revise-and-resubmit process. A small set of papers were recommended by the program committee to undergo this process. Those authors will have a much longer period of time (until August) to revise their papers, add important missing details, and/or run additional experiments, as requested by the PC. The original reviewers will review the revised submission. If accepted, the authors will be allowed to submit a "camera-ready" version of the paper in October of 2023 and then the authors will present the paper and have that paper officially included in the OSDI 2024 program. This early camera ready deadline allows authors to discuss the work (and have others cite it) well before the OSDI 2024 program appears.

Once the program was completed and the camera-ready deadline had passed, we began the process of selecting the Jay Lepreau Best Paper Award. We began by asking PC members for nominations and looking at the top-rated papers during the review process. We formed a small group of non-conflicted PC members who read each paper and agreed on the best paper of those chosen for consideration.

OSDI '23 had an artifact-evaluation committee that organized and evaluated the artifacts submitted by authors. The committee co-chairs this year are Jianyu Jiang, Nathan Rutherford, and Cesar A. Stuardo. Thirty-two papers submitted artifacts supporting their research. Twenty-nine papers received the Available badge. Thirty-one papers received the Functional badge, and 27 papers received the Reproduced badge, meaning the results in the paper were independently reproduced by the committee.

OSDI '23 had a poster submission process organized by co-chairs Adriana Szekeres and Ryan Huang. Thirty-three posters were accepted for display at the OSDI poster session.

Finally, as PC chairs, we rely on so many dedicated volunteers and professional staff to make this conference a reality. We thank the authors who submitted such high-quality work. This conference is first and foremost a forum for disseminating, sharing, discussing, and debating world-class systems research. Thank you for your hard work and innovation! We thank the PC members and external reviewers for their significant investment of time, energy, and insight into shaping the program. We thank Pierre Tholoniat and Roy Rinberg, who facilitated the PC meeting and made sure we ran the technology and not the other way around. We especially thank the USENIX staff, who have made chairing a conference like this one a well-oiled machine! Finally, we thank you for coming to this conference to engage with each other and with the authors of the accepted papers. This community is one we cherish, and one we are honored to have curated this year through our stewardship as co-chairs.

We hope that you leave this conference energized and inspired.

Onwards!

Roxana Geambasu, *Columbia University*
Ed Nightingale, *Apple*
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