

Monday, October 28

(5:00pm-7:30pm)

Student Research Competition (SRC) Posters

(Waterhouse Ballroom Conference Hallway)

Undergraduate

- SRC 1. EnergyTimers: Integrating Physical Energy Measurement Devices into OS Kernels
Luis Gerhorst (*Friedrich–Alexander University Erlangen–Nürnberg*)
- SRC 2. Visualizing Critical Sections in Rust
Ziyi Zhang (*University of Science and Technology of China*)

Graduate

- SRC 3. Accelerating File System Checking for Modern Storage
David Domingo (*Rutgers University*)
- SRC 4. Wave: A Substrate for Distributed Graph Processing on Commodity Clusters
Swapnil Gandhi (*Indian Institute of Science*)
- SRC 5. On Main-Memory Multicore Transaction Performance
Yihe Huang (*Harvard*)
- SRC 6. Reclaiming Good Transactions from a Corrupt Journal
Shehbaz Jaffer (*University of Toronto*)
- SRC 7. DNN Training Performance Analysis: A Divide and Conquer Approach
Anand Jayarajan (*University of British Columbia*)
- SRC 8. GizmoScope: A System for Performance and Reliability-aware Automated Recovery
Saurabh Jha (*University of Illinois at Urbana-Champaign*)
- SRC 9. Scaling an Operating System to Many Cores Using a System Call Log
Chinmay Kulkarni (*University of Utah*)
- SRC 10. Viva: Make Confidential Cloud Computing FaaSter
Mingyu Li (*Shanghai Jiao Tong University*)
- SRC 11. ParaFS: Supporting Concurrency with Direct Access File Systems
Yujie Ren (*Rutgers University*)
- SRC 12. Robustly Improving Byte Miss Ratio with Workload-Learning Caching
Zhenyu Song (*Princeton University*)
- SRC 13. Efficient Privacy Policies in Multiverse Databases
Samyukta Yagati (*MIT CSAIL*)
- SRC 14. Scalable Fault Tolerance for High-Performance Streaming Dataflow
Gina Yuan (*MIT CSAIL*)