



LDOS Symposium Poster Presentations  
November 7, 2024, 3:15-4:45 PM

Poster Title	Presenter
Enabling Machine Learning in Linux Kernels	Saurabh Agarwal
Learned OS Configurations for Enhancing Robot Performance	Rohit Dwivedula and Sadanand Modak
Towards A Unified Model for Network Control	Jane Chen
Jointly Learning the Computation and Communication Scheduling for Edge Computing	Jane Chen
Towards Learned Memory Tiering	Johannes Freischuetz
stress_emulate: Generating Application Workloads from System Traces using Generative Models	Zichao Hu and Donghyun Kim
KernMLOps: Accelerating Workflows for ML in the Kernel	Patrick Kenney
Learning Efficient Representations of Object Correlations for Caching Policies	Aryan Khatri
Large Language Models as Realistic Microservice Trace Generators	Donghyun Kim
Synthesizing Congestion Control Algorithms using Minimax	Jia "Tony" Pan
Coordinating CPU and Memory Subsystems via Global States	Yeonju Ro
Performance Certificates for Microservices	Divyanshu Saxena
Learning to Control the Address Space	Aditya Tewari
A Case for Joint Learning OS Task & Page Migrations	Gaurav Vipat
Towards Adaptive Memory Tiering	Sujay Yadalam
C3: Learning Congestion Controllers with Formal Certificates	Chenxi Yang
Joint Learning the Cache and Prefetcher Decisions	Samuel Yuan
Toward Predictable Multi-Access Edge Computing	Xiao Zhang