



PDSW 2022

7th International Parallel Data Systems Workshop
--- Closing ---

Kento Sato, General Chair
Amelie Chi Zhou, Program Co-Chair
Bing Xie, Program Co-Chair

Papers and Slides will be shared on the PDSW webpage

AGENDA

1:30pm - 1:31pm **Organizers' Welcome & Introduction**

Kento Sato, Amelie Chi Zhou, Bing Xie, Jay Lofstead

1:31pm - 1:40pm **Opening Remarks**

Kento Sato, Amelie Chi Zhou, Bing Xie, Jay Lofstead

INVITED TALK SESSION: Chair -- Kento Sato, RIKEN

1:40pm - 2:30pm **Invited Speaker - Arif Merchant**, Google

Splinters - Distributed IO Sampling for Cloud Data Centers – Design and Applications

Slides

SESSION 1: Chair -- Jay Lofstead, Sandia National Labs

2:30pm - 2:50pm **Drishiti: Guiding End-Users in the I/O Optimization Journey**

Jean Luca Bez, Lawrence Berkeley National Laboratory (LBNL)

Hammad Ather, Lawrence Berkeley National Laboratory (LBNL)

Sarah Byrne, Lawrence Berkeley National Laboratory (LBNL)

Paper | Slides

2:50pm - 2:55pm **(WIP) Revisit Data Partitioning in Data-Intensive Workflows**

Radita Liem, RWTH Aachen University, IT Center

Shadi Ibrahim, French Institute for Research in Computer Science and

Automation (INRIA)

Paper | Slides

2:55pm - 3:00pm **(WIP) Data Lifecycles for Optimizing Data Movement**

Hyungro Lee, Pacific Northwest National Laboratory (PNNL)

Jesun Firoz, Pacific Northwest National Laboratory (PNNL)

Nathan R. Tallent, Pacific Northwest National Laboratory (PNNL)

Meng Tang, Illinois Institute of Technology

Anthony Kougkas, Illinois Institute of Technology

Thanh-Hoang Tran, Illinois Institute of Technology

Paper | Slides

3:00pm - 3:30pm **Afternoon Break**

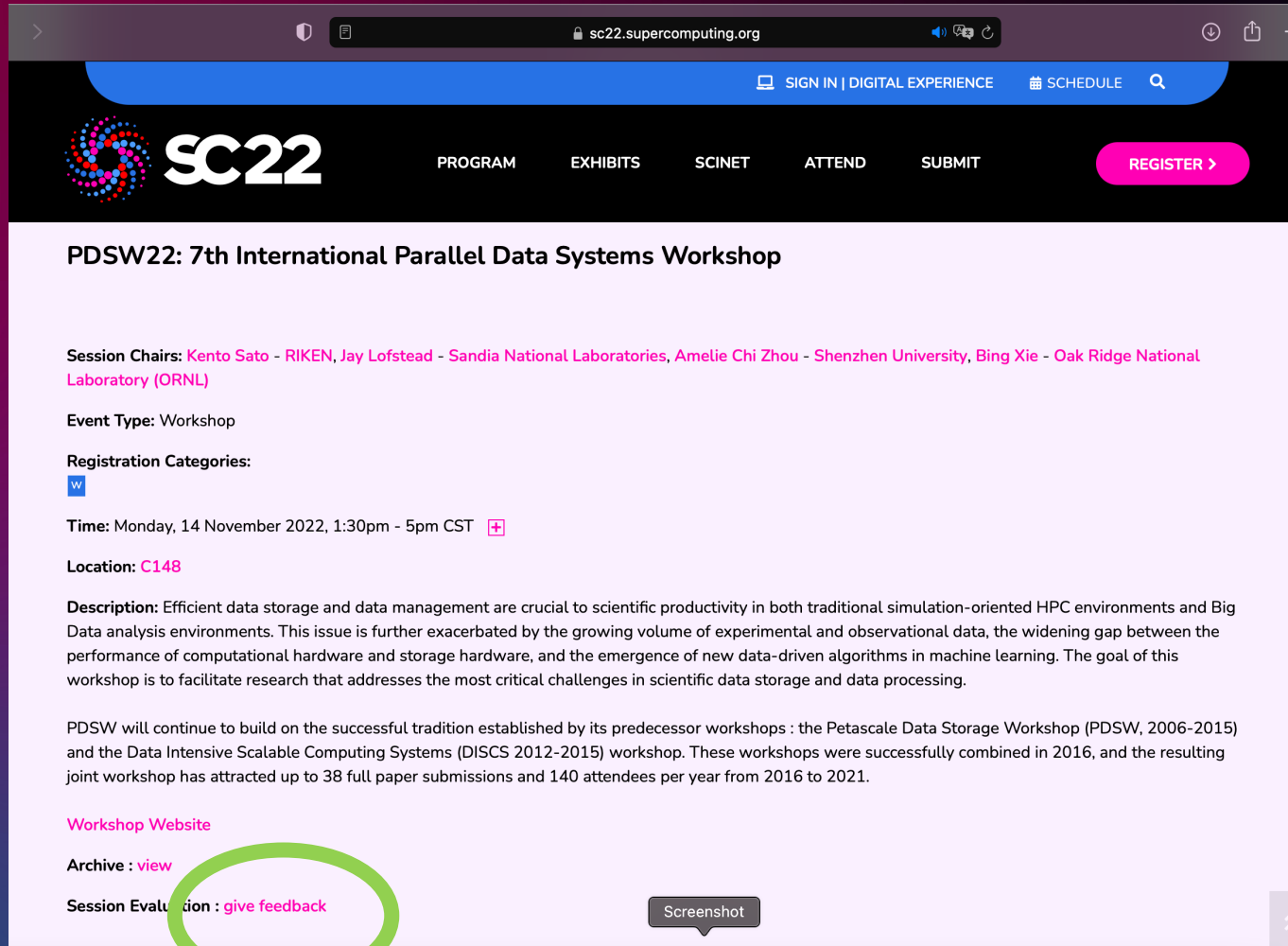
SESSION 2: Chair -- Margaret Lawson, Google

Screenshot

3:30pm - 3:50pm **Performance Comparison of DAOS and Lustre for Object Data Storage**




We need your feedback !



sc22.supercomputing.org

SIGN IN | DIGITAL EXPERIENCE SCHEDULE

 PROGRAM EXHIBITS SCINET ATTEND SUBMIT REGISTER >

PDSW22: 7th International Parallel Data Systems Workshop

Session Chairs: [Kento Sato - RIKEN](#), [Jay Lofstead - Sandia National Laboratories](#), [Amelie Chi Zhou - Shenzhen University](#), [Bing Xie - Oak Ridge National Laboratory \(ORNL\)](#)

Event Type: Workshop

Registration Categories:
[W](#)

Time: Monday, 14 November 2022, 1:30pm - 5pm CST [+](#)

Location: [C148](#)

Description: Efficient data storage and data management are crucial to scientific productivity in both traditional simulation-oriented HPC environments and Big Data analysis environments. This issue is further exacerbated by the growing volume of experimental and observational data, the widening gap between the performance of computational hardware and storage hardware, and the emergence of new data-driven algorithms in machine learning. The goal of this workshop is to facilitate research that addresses the most critical challenges in scientific data storage and data processing.

PDSW will continue to build on the successful tradition established by its predecessor workshops : the Petascale Data Storage Workshop (PDSW, 2006-2015) and the Data Intensive Scalable Computing Systems (DISCS 2012-2015) workshop. These workshops were successfully combined in 2016, and the resulting joint workshop has attracted up to 38 full paper submissions and 140 attendees per year from 2016 to 2021.

Workshop Website

Archive : [view](#)

Session Evaluation : [give feedback](#)

Screenshot



See you at PDSW 2023 in Denver !!

