

The 31st International Conference on Parallel and Distributed Systems



Hefei, China December 14 - 18, 2025

Ubiquitous Computing for Global Communities

Call for Papers

Distributed Storage

Track Co-Chairs

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Scope and Motivation

- The Distributed Storage Track aims to serve as an international forum for experts, researchers, and practitioners from academia, industry, and government to exchange cutting-edge technologies and innovative applications in distributed storage systems. The track focuses on addressing challenges such as storage efficiency, reliability, and security posed by explosive data growth through distributed architectures, while promoting standardization and industrial implementation of distributed storage in LLM, cloud computing, big data, edge computing, and other scenarios.

Topics of Interest

Our track seeks original contributions in the following topical areas, plus others that are not explicitly listed but are closely related:

- Large Model Storage
- AI for Storage
- Cloud and Edge Storage
- Green Storage
- DNA Storage
- Computational Storage Architectures, Systems and Applications
- Storage-Computing-Networking Converged Architectures and Key Technologies
- Hardware-Software Collaborative Storage Optimization Technologies
- Non-Volatile Memory Architectures and Systems

Important Dates

Paper Submission: 2025-08-15

Notification: 2025-10-01

Camera Ready and Registration: 2025-10-15

How to Submit a Paper

Each submission should include the authors' names, affiliations, an abstract, and 5–10 keywords. Papers are limited to 8 pages, including figures and references. Up to two additional pages may be included with an

overlength charge. Full instructions on how to submit papers are provided on the IEEE ICPADS 2025 website: <http://ieee-icpads.org.cn/CFP-research-paper.html>