

## Call for Papers

### Big Data and Foundation Models

#### Track Co-Chairs

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#### Scope and Motivation

The Big Data and Foundation Models Track aims to serve as an international forum for experts, researchers, and practitioners from academia, industry, and government to exchange new ideas and results on research and development, as well as to address challenges in the rapidly evolving field of big data. With the exponential growth of data fueled by digital transformation, IoT, and social media, big data has become a cornerstone of innovation across sectors such as healthcare, finance, urban planning, and environmental sustainability. This conference seeks to advance the field by exploring cutting-edge methodologies, technologies, and applications that address the complexities of managing, analyzing, and leveraging large-scale data responsibly and effectively.

#### Topics of Interest

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

- Big Data Analytics and Machine Learning
- Distributed and Parallel Algorithms for Big Data
- Big Data for Large Language Models
- Real-Time and Streaming Data Processing
- Federated Learning and Privacy-preserving Big Data Analytics
- Cross-Domain Data Integration and Governance
- Big Data Security and Trust Management
- Scalable Infrastructure and Storage Systems
- Vertical Industry Applications
- Large-Scale Model Training and Deployment

## 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>