

10

GRID2023
3-7 July 2023



10th International Conference
“Distributed Computing and Grid Technologies in
Science and Education”



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Topics

Research Computer Infrastructure

1. **Distributed Computing Systems** – technologies, architectures, models, operation and optimization, middleware and services.
2. **HPC** – supercomputers, CPU architectures, GPU, FPGA.
3. **Cloud Technologies** – cloud computing, virtualization technologies, automation of deployment of software infrastructure and applications.
4. **Distributed Storage Systems**
5. **Distributed Computing and HPC Applications** in science, education, industry and business, open data.
6. **Computing for MegaScience projects.**

Computing Science Trends

7. **Quantum informatics and computing** – information processing, machine learning, communication, program engineering and robotics, simulation of quantum algorithms.
8. **Big Data, Machine Learning and Artificial Intelligence** – big data analytics and platforms, neural networks and deep learning, intelligent control systems, decision intelligence tools and recommendation systems.
9. **e-Learning** – e-Learning tools, virtual labs, EdTech and HR Tech, human assets management and development systems.