



Advanced Theories, Applications and Techniques in Cloud and Distributed Computing

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to collect advanced theories, applications, and techniques that address the currently unresolved challenges in cloud and distributed computing. The topics of interest include, but are not limited to:

- Resource allocation and management;
- Job scheduling;
- Heterogeneous task management;
- Task partitioning and assignment;
- Cooperation mechanisms;
- Storage optimization;
- Scalability issues;
- Reliability and dependability;
- Energy management;
- Development and optimization of architectures;
- Data-resilient, fault-tolerant techniques;
- Parallel computing;
- Advanced algorithms for applications (e.g., AI, big data);
- Testbeds and prototypes.





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Message from the Editor-in-Chief

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