



Cloud Computing and Applications

Guest Editor:

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Message from the Guest Editor

Tens of years of progress made the long-sought vision of cloud computing possible. While new and powerful services emerge, citizens and companies struggle to understand their complex pricing schemes and avoid the lock-in they bring along. At the same time, companies should be able to retain data on premises, or explore different providers, in hybrid and multi-cloud systems. Problems for providers include downtime, data losses, and data breaches, which force them to replicate data and services, while keeping privacy.

This special issue aims at publishing high-quality manuscripts covering new research on topics related to cloud computing, including the following:

- Cloud applications
- Cloud architecture
- Virtualization, containerization and container orchestration
- Public, private and hybrid clouds
- Interoperability and portability
- Microservices
- Observability and monitoring of distributed systems
- Security and privacy
- Reliable operation
- Efficient operation





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Message from the Editor-in-Chief

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