

Special Issue

Cloud and Edge Computing for the Next Generation of Internet of Things Applications

Message from the Guest Editors

This Special Issue focuses on novel developments, technologies, and challenges related to the efficient and innovative coexistence of Cloud and Fog/Edge computing, and in particular to their adoption within the Internet of Things research field. We are particularly interested in the latest findings from research, ongoing projects, and in review articles that can provide readers with current research trends and solutions. The potential topics include but are not limited to:

- Hybrid Cloud and Edge computing architectures
- Adoption of Cloud computing patterns and technologies to the Edge
- Cloud and Edge Lambda functions
- Distributed knowledge and data synchronization algorithms
- Services and microservice migration and orchestration between Cloud and Edge
- Distributed machine learning architecture
- Convergence of Edge and Cloud computing for machine learning
- Smart object virtualization and digital twins solutions
- Optimized networking between Edge and Cloud
- Security for hybrid architectures
- Cyber security for IoT and edge computing
- LPWANs and edge computing
- Platforms and applications
- 5G and Mobile Edge computing

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2020)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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