

## 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

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### Guest Editors

Prof. Dr. Pietro Manzoni

Prof. Dr. Johann M. Marquez-Barja

Dr. Marco Picone

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### Deadline for manuscript submissions

closed (30 September 2020)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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