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

Guest Editors:

Prof. Dr. Pietro Manzoni

Department of Computer Engineering (DISCA), Universitat Politècnica de València, 46022 Valencia, Spain

Prof. Dr. Johann M. Marquez-Barja

Faculty of Applied Engineering, Universiteit Antwerpen, 2000 Antwerpen, Belgium

Dr. Marco Picone

Department of Sciences and Methods for Engineering (DISMI), University of Modena and Reggio Emilia, Via Amendola 2, Pad. Morselli, 42121 Reggio Emilia, Italy

Deadline for manuscript submissions:

closed (30 September 2020)

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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Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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