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Edge Computing for Urban Internet of Things

Guest Editors:

Dr. Zhiwei Zhao
School of Computer Science and Engineering, University of Electronic Science and Technology of China (UESTC), Chengdu 610054, China

Dr. Jorge Ortiz
Department of Electrical and Computer Engineering, Rutgers University, New Brunswick, NJ 08901, USA

Dr. Guohao Lan
Faculty of Electrical Engineering, Mathematics and Computer Science, Delft University of Technology, 2628 XE Delft, The Netherlands

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Message from the Guest Editors

In this Special Issue, we are particularly interested in finding, defining, quantifying and solving the new issues that come out from the combination of edge computing and urban IoT, including new edge frameworks, system deployments, sensing systems, service management, low-power wireless/AI, resource sharing, performance modeling, prototypes, system experiences, edge-IoT applications, use cases in IoT/IoV/LEO network/blockchain/digital twins, etc.

Keywords

- Edge computing
- Urban Internet of Things
- IoT sensing systems
- Machine learning for IoT
- Low-power networking/computing
- Novel edge computing paradigms for IoT
- System architecture for edge–IoT
- Edge-assisted mobile and sensing systems
- 5G/6G edge computing frameworks/systems/prototypes
- Satellite/LEO edge computing
- D2D/mobile computing in urban IoT
- Computation offloading in edge systems
- Reliable data transfer in LoRa/NB-IoT networks
- Network models/protocols in LoRa/NB-IoT networks
- Lightweight machine learning schemes
- Machine learning for IoT

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Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, St. Alban-Anlage 66
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