



5G Technology for Internet of Things

Guest Editor:

Dr. Mohammed Amine Togou

School of Computing, Dublin City
University, D09 Y074 Dublin,
Ireland

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editor

Dear Colleagues,

In recent years, we have seen a significant surge in the number of Internet of Things (IoT) applications and services across different industry verticals, including the healthcare, manufacturing, and automotive industries. These applications have different requirements, such as, e.g., for bandwidth, latency, reliability, and energy, that the current mobile networks cannot fully accommodate given the way they are built and operated. Thus, 5G technology represents an auspicious solution to the ever-growing user demands as it endorses a new architecture. Prospective authors are invited to submit original contributions in areas including, but not limited to, the following:

Novel 5G-enabled IoT frameworks;
O-RAN deployments for IoT use cases and applications;
Device search algorithms for 5G-enabled IoT systems;
Blockchain-enabled 5G-based IoT systems;
Intelligent devices for 5G security;
Optimisation algorithms for O-RAN resource allocation;
Interference mitigation algorithms for O-RAN;
RAN intelligent controllers;
Machine learning techniques to enhance O-RAN security;
Conflict mitigation in O-RAN networks;
IoT in the 6th





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Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
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Torino, Italy

Message from the Editor-in-Chief

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