



Emerging and New Technologies in Mobile Edge Computing Networks

Guest Editors:

Dr. Mingjie Feng

Associate Professor, Wuhan
National Laboratory for
Optoelectronics, Huazhong
University of Science and
Technology, Wuhan 430074,
China

Dr. Yaohua Sun

The State Key Laboratory of
Networking and Switching
Technology (SKL-NST), Beijing
University of Posts and
Telecommunications, Beijing
100876, China

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Message from the Guest Editors

In recent years, we have witnessed the emergence of various delay-sensitive mobile Internet of Things (IoT) applications (e.g., autonomous driving, augmented/virtual reality, and remote operation). Typically, these applications require the execution of computationally intensive tasks with stringent delay requirements. Meanwhile, with limited processing capability, mobile devices may not be able to timely execute these computational tasks. Mobile edge computing (MEC) is a promising solution to deal with this challenge. With computing servers deployed at the network edge (e.g., base station), mobile devices can offload computational tasks to these servers for fast processing. Due to these prospects, MEC is expected to play an important role in the sixth-generation (6G) mobile systems.

Although MEC exhibits great potential for supporting future IoT applications, various issues need to be addressed to unleash the full potential of MEC. This Special Issue seeks to collect innovative and original works on novel architecture, analysis, design, and prototypes for MEC.





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Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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