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Recent Advances in Algorithm and Distributed Computing for the Internet of Things

Guest Editors:

Dr. Haipeng Dai

Prof. Dr. Xianjun Deng

Prof. Dr. Xiaolong Xu

Dr. Ning Wang

Dr. Zhenzhe Zheng

Dr. Weijun Wang

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Message from the Guest Editors

With the spark of Industry 4.0, the IoT has witnessed huge development in recent years in our daily life, such as smart homes, smart cities, smart stores, and smart buildings. In addition, edge computing emerges to offer cheaper, faster, and more efficient service by processing data locally.

The IoT makes our lives easier; however, ubiquitous IoT devices such as smart phones create a huge amount of data every day which requires large computing resources to analyze, creating great challenges. What is more, the private nature of data on IoT devices causes increased security problems. To this end, it is important to design efficient and distributed algorithms to deal with these problems based on IoT devices, such as energy restriction, limited storage space, and security issues.

The aim of this Special Issue is to provide a platform for researchers to discuss cutting-edge algorithms to deal with IoT-related issues.



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Special Issue



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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

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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