Special Issue

Real-Time Embedded Systems for IoT

Message from the Guest Editors

The Internet of Things (IoT) is an emerging paradigm that inspires industries to develop intelligent and autonomous systems. In the IoT systems, various technologies such as artificial intelligence (AI), blockchain, digital twin (DT), etc., are integrated to provide secure, efficient, and seamless IoT services. However, there are many challenges that come with the limitations of computing and network resources. Also, the heterogenous IoT protocols and platforms increase the difficulty of IoT system development. Novel solutions need to overcome the limitations and heterogeneity in the IoT environment. Contributions from all fields related to IoT are welcome in this Special Issue, particularly those covering the following topics:

- Theory, applications, case studies, and project reports related to emerging IoT standard protocols, frameworks, and platforms;
- Efficient computing, network, and security solutions in IoT, wireless sensor networks, and vehicle networks;
- IoT and edge computing solutions in smart spaces such as homes, buildings, factories, farms, and cities;
- Real-time inference and prediction approaches in the IoT edge environment.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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