Special Issue

Edge Computing for Real-Time Systems

Message from the Guest Editors

Edge computing is an emerging computing paradigm which advocates processing data at the logical edge of a network and enables data analytics to occur closer to the data source and users, thereby reducing the response latency of analytics tasks. This advantage makes it a promising approach to real-time systems, ranging from smart cities and intelligent traffic control to video surveillance, in which live data (e.g., video, audio) generated from devices have strong requirements in terms of fast treatment, e.g., real-time mixed reality which requires the system to have a comprehensive understanding of different objects and instances as quickly as possible in the real world. This Special Issue focuses on optimizing real-time systems via edge computing. We encourage papers in all areas related to the following topic:

- task scheduling;
- software architectures;
- data management;
- middleware;
- resource orchestration;
- artificial intelligence.

You are welcome to contribute!!!

Guest Editors

Dr. Sheng Zhang
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Deadline for manuscript submissions

closed (30 May 2022)

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Message from the Editor-in-Chief

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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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