Special Issue

Advances in Low-Latency Communications: Protocols, Applications, Challenges, and Opportunities

Message from the Guest Editor

Low-latency communications are one of the emerging research fields in communication networks. Achieving low-latency communications appears to be one of the most critical challenges for 5G cellular networks and IEEE 802.11ax Wi-Fi and beyond technologies. While various applications and services require low-latency and ultrahigh reliable communications, tactile internet, mission-critical applications, enhanced mobile broadband communications, and massive machine type communications for IoT devices are the ones that require them the most. **Topics of Interest**:

- Network architecture for low-latency communications
- Technologies for low-latency communications
- Applications and services for low-latency communications
- Protocol design for low-latency communications
- 5G and beyond technologies for low-latency communications
- IEEE 802.11ax and beyond wireless LANs
- Crosslayer design approaches for low-latency communications
- Machine learning approaches for low-latency communications
- M2M communications
- Tactile internet implementations

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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.

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