Special Issue

Waveform Design for 5G and beyond Systems

Message from the Guest Editor

5G traffic has very diverse requirements with respect to data rate, delay, and reliability. The aim of this Special Issue is to provide the latest research and advances in the field of waveform design for 5G systems and beyond.

- Waveform design for vehicular, D2D, and M2M communications
- Machine learning-based waveform design
- Low latency and low complexity waveforms
- Energy and spectral efficient waveforms
- Synchronization error-resilient waveform design
- Hardware impairments-resilient waveform design
- Hardware implementations of beyond 5G waveforms
- Field testing of the waveforms for 5G and beyond in real wireless channels
- Waveform design for massive multiple access
- Waveform design for MIMO systems
- Waveform design for cognitive radios
- Non-orthogonal waveform design
- Joint coding and modulation for 5G and beyond
- Waveform design for physical layer security
- Index modulation-based waveforms
- Millimeter-wave waveform design

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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