Special Issue

Advanced Communication Techniques for 5G and Internet of Things

Message from the Guest Editor

Massive MIMO techniques based on 3D hybrid beamforming have been studied as a key ingredient for mmWave communication. Various IoT applications also require massive connectivity while providing broadband services at the same time. Real-time adjustment and optimization via machine learning has been regarded as a promising approach to provide mission-critical control and massive connectivity. This Special Issue invites submissions of technical papers that may address, but are not limited to, the topics below:

- Massive MIMO
- mmWave, THz communication
- 3D beamforming, hybrid beamforming
- Beam tracking, mobility management
- Channel estimation
- Dynamic resource allocation, load balancing
- Random access, machine-type communication
- Machine learning for 5G and IoT

Please click here to find information!
Welcome to contribute!

Guest Editor

Assoc. Prof. Dr. Sang-Woon Jeon
Department of Electrical and Electronic Engineering, Hanyang University, Ansan 15588, Korea

Deadline for manuscript submissions

closed (30 April 2022)

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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About the Journal

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

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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