

Special Issue

Emerging Technologies in Communications and Networking: 5G and Beyond

Message from the Guest Editors

This Special Issue covers topics related to new emerging technologies in communications and networking, focusing on 5G networks and beyond. We invite the authors to submit new research and review papers considering (but not limited to) the topics below:

- Solutions in SDN, VNF, CR and SDR;
- Machine learning and application of artificial intelligence for 5G and beyond;
- Big data processing for wireless communications and networking;
- Fuzzy logic schemes for wireless communications;
- Quantum communications and computing;
- Novel algorithms for radio access networks, OpenRAN;
- Algorithms for massive communication (i.e., fmassive machine-to-machine communications and massive MIMO schemes);
- Algorithms for high mobility scenarios including V2X and U2X scenarios;
- Distributed, centralized, and hybrid architecture design for future wireless communications and networking;
- Advanced signal processing algorithms;
- Self-organization algorithms for wireless networks;
- Advanced radio resource management for 5G and beyond;
- Cooperation algorithms for wireless systems;
- Game theory applications for wireless communications;
- Distributed computing (in edge, fog, and cloud) and processing.

Guest Editors

Dr. Adrian Kliks

Dr. Paweł Sroka

Dr. Cynthia Hood

Dr. Nikos Dimitriou

Deadline for manuscript submissions



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

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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