

Special Issue

Signal Processing in Wireless Communications

Message from the Guest Editors

The challenges set for future communications still need to be researched, particularly to enable the three pillars of 5G and beyond, namely massive connectivity via the IoT and other devices, extremely low latency (enabling applications like Cv2x and robotic surgery), and applications with high data demands like real-time multimedia and gaming. The goal of this Special Issue is to present a collection of exciting papers reporting cutting-edge advances in signal processing for applications in wireless communications. Example topics of interest are the application of signal processing in such areas as:

- wireless, optical, and hybrid communications;
- full-duplex, massive MIMO, and mm-wave/THz communications;
- spectrum sensing, access, and co-habitation;
- integrated sensing and communication;
- compressive sensing;
- deep/machine learning;
- cyber-physical systems and in-the-loop communications;
- image and video applications in communication systems;

Guest Editors

Dr. Eric Pierre Simon

IEMN laboratory, University of Lille, F-59000 Lille, France

Dr. Sumit Chakravarty

Department of Electrical and Computer Engineering, Kennesaw State University, Marietta, GA, USA

Dr. Maria Valero

Department of Information Technology, Kennesaw State University, Marietta, GA 30060, USA

Deadline for manuscript submissions

closed (30 June 2022)



Electronics

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Impact Factor 2.6
CiteScore 6.1



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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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