

Special Issue

Emerging Intelligent and Green Communications: Systems, Devices and Applications

Message from the Guest Editors

Current wireless communication networks constitute between six and a half and seven million base stations worldwide, with 4G and 5G covering more than 50% of the output and predicted to completely replace the older technologies in a few years. There are currently around eight billion mobile subscriptions, increasing by two billion every 10 years. Future networks will thus be fundamental for society and industries and be required to fulfill the communication needs of humans as well as intelligent machines. This has faced the industry and research communities with a significant challenge in constructing this infrastructure, which should contribute to an efficient, human-friendly, sustainable society through intelligent communication. This Special Issue will explore recent advances and challenges in modern communications, from the system level to the device level, with an emphasis on energy efficiency enhancement and reconfigurability. We are inviting papers from both the industry and academia that provide relevant insights from various points of view.

Guest Editors

Dr. Anna Piacibello

Prof. Dr. Vittorio Camarchia

Dr. Kimon Vivien

Dr. Paolo de Falco

Deadline for manuscript submissions

closed (15 May 2023)



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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

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