

Special Issue

Emerging Technologies for the Next Generation Smart Systems

Message from the Guest Editors

The key factors for the proliferation of next generation systems (NGS) are scientific and industrial advances in the multidisciplinary areas. These new systems will be driven by artificial intelligence (AI) and interaction will be via advanced HCI and interfaces based on augmented and virtual reality (AR/VR), different types of sensors and the new generation of displays. Potentially, NGS will require high-data rates, large bandwidth with low latency and high throughput, meaning that fifth generation (5G) networks will play an important role. The prevalence of Internet of Things (IoT) concept that provides seamless connectivity between heterogeneous networks will surely be of great interest together with the edge computing for these new environments, with unlimited usage of big data in the various domains close to the edge, to ensure low latency. The main aim of this Special Issue is to demonstrate both theoretical and experimental studies and novel approaches, protocols, applications and frameworks focusing on future technologies and emerging trends in the multidisciplinary area of the next generation systems. High-quality review papers and surveys are welcomed.

Guest Editors

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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 guestedited by leading experts in selected topics of interest.

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