



Emerging Technologies for the Next Generation Smart Systems

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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.





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Message from the Editor-in-Chief

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