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## Editorial

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Recently, the network and communications technologies have been widely deployed. In accordance with those deployments, the cover areas of network technologies are also rapidly expanded.

Especially the technology used for the internet is incorporated as the indispensable technology in many current modern networked systems. In addition, those technologies continue to change for the future.

For example, attention is no longer directed to only networked terminals but also, new network services to accommodate these new devices also continue to appear. Furthermore, according to internet of things (IoT), the study of the technology for connecting network devices represented by robots, sensors and actuators, and those are not directly operated by persons has also progressed.

The expansion of both area and importance on network technologies are growing up not only technologies on electronics and AI, IoT, and other industrial technologies, but also social phenomenon including environmental, population and ethics issues. For understanding correctness of the future society realised by the network technologies, researchers on the field must discuss how we can contribute to solve the current issues in a broad range of spheres.

Based on this background, we planned a special issue entitled 'Advanced technologies for next-generation communications and networked applications' in 2018.

The papers from a wide variety of research area are related to 'next-generation communications and networked applications' are submitted. The accepted papers include one paper related to 'content centric networking' as an introductory paper, two papers related to 'maritime communications', and one paper related to 'P2P'. Every accepted paper treats important research issue that is essential for the next-generation network technologies and networked applications. I hope that the special issue will further promote researches and making community among researchers in this area.

Lastly, I would like to thank Professor Fatos Xhafa, Editor-in-Chief of *IJSSC* and the journal staffs of *IJSSC* for their enthusiastic contribution to the entire planning and publication processes.