

Special Issue

Artificial Intelligence and Future Implications of an ICT Convergence System and Network

Message from the Guest Editor

Upon the advent of the dramatic upgrade and development of existing communication systems, ICT convergence present in various fields of expertise, including artificial intelligent (AI)-aided applications in wireless communication systems, smart devices, cloud computing, advanced-imaging processing systems, smart-grid energy systems, healthcare, and bio-informatics. The trend of technology in the future is the increased use of intelligent algorithms in the field of ICT convergence systems. The emerging convergence technologies, at present, include the application of AI to designs, analysis, IoT, 5G/6G communication system, and the maintenance of wireless communication networks. Many studies appear in the literature concerning the use of AI in conventional wireless networks; however, to date, there are few compelling contributions concerning the practical intelligence algorithms of AI that are applicable to ICT convergence systems and networks.

In this Special Issue, we aim to explore the practical applications of AI to various ICT convergence systems and networks.

Guest Editor

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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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