

Special Issue

Artificial Intelligence of Things Enabled Smart Applications

Message from the Guest Editors

The objective of this Special Issue is to present a collection of high-quality research papers that report the latest research advances addressing the related challenges and perspectives in the area of AIoT-enabled smart applications. Specific topics include but are not restricted to the following:

- Physical layer challenges in AIoT
- Cross-layer solutions in AIoT
- Device-to-device networks for AIoT
- Novel sensory data-acquisition techniques in AIoT
- Security, privacy, and trust in AIoT
- Computing and sensing infrastructures
- Data management in AIoT
- Sensing as a service in AIoT
- Cyber-physical systems for AIoT
- Self-learning for pattern discovery, prediction, auto-configuration in AIoT
- Smart users experience in AIoT
- AIoT-driven smart governance, smart economy, and smart environments
- AIoT-driven smart energy, smart driving, smart homes, smart living,
- AIoT-enabled COVID-19 analysis and smart health
- Deployment, test bed, experimental experiences, and innovative applications

Guest Editors

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Deadline for manuscript submissions

closed (15 May 2022)



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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).