

Special Issue

The Technologies That Disappear: 30 Years after Mark Weiser's Vision

Message from the Guest Editors

With this Special Issue, we aim to collect novel contributions from researchers and industry players in the field of the Ambient Intelligence with the goal of describing how electronic components have been adopted to design applications targeted at end-users. In particular, we look for hardware and software designs providing new services for users, in order to improve their life quality at home or, more generally, in places where users live and interact with others. Our focus is also on the use of commercial-wearable electronics that can be used for such applications, by providing evidence of a concrete implementation of the ubiquitous computing paradigm proposed the last decade of 90' years. Keywords:

- Ambient Intelligence (Aml) services
- IoT technologies for Aml services
- Wearable and portable electronics
- Consumer electronics and hardware design
- Ultra-low power machine learning at the edge
- Pilot sites and real-world deployment of Aml services
- Testbeds, applications, case studies
- Hardware and software architecture for edge computing and crowdsensing
- Tools for data fusion and analytics and their adoption
- Artificial Intelligence methods
- Cyberphysical systems

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)



Electronics

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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).

