

Special Issue

Digitalization in Energy Applications

Message from the Guest Editors

This Special Issue is focused on digitalization application on energy research and to bring researchers, scientists, engineers together on a common platform to demonstrate novel ideas to make use of digitalization in energy research. Prospective authors are invited to submit their articles with original contributions for review and possible publication in this Special Issue. In addition, the authors of the papers which will be presented at ICMEPS2021 (www.icmeps.com) that we are organizing are invited to submit their extended versions to this Special Issue of the Journal Electronics after the conference final date of 18th June 2021. Submitted papers should be extended to the size of regular research or review articles, with at least a 50% extension of new results. There are no page limitations for this journal. The topics of interest include (but are not limited to):

- Peer-to-peer energy trading in microgrids;
- Renewable energy grid-interfacing challenges;
- Microgrid and nanogrid;
- Battery and its integration using digitalization;
- Forecasting and optimization applications for energy systems;
- Power quality issues for power systems;
- Power electronics for renewable sources.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).