

Special Issue

Advanced Device, Circuit, and Control Techniques for Energy Harvesting System Design

Message from the Guest Editor

The topics of interests include, but are not limited to the following:

- Power devices using Si and WBG technologies;
- PV devices for high-efficiency energy harvesters;
- High-efficiency transducers for harvesting energy;
- Circuit design for high-efficient RF to DC conversion;
- Power management circuits and energy storage elements;
- Micro-inverters for solar power generation and distribution;
- Power converters for energy harvesting and energy management;
- Micro-controllers, FPGAs, and SoCs for energy harvesting systems;
- Applications of digital control techniques to energy harvesting systems;
- Design methodology and system configuration of energy harvesting systems.

Please click [here](#) to find information!

Welcome to contribute!

Guest Editor

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Deadline for manuscript submissions

closed (30 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.

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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).