

Special Issue

Smart Energy Control & Conversion Systems

Message from the Guest Editors

In the last decade, research institutions all over the world have devoted an ever-growing effort to innovative energy conversion. This Special Issue aims to collect new research contributions on smart energy management, conversion, and control; this includes but is not limited to applications for power electronic converters, electrical motors, internal combustion engines, renewable energy sources, and fuel cells. Smart energy management, conversion, and control can be achieved in various ways, among which:

- Power electronics static energy conversion with switching loss minimization;
- Load curve management;
- Fuel consumption optimization;
- Electric machine loss minimization;
- Efficiency optimization in power flow management.

Guest Editors

Dr. Angelo Accetta

Dr. Marcello Pucci

Dr. Giuseppe La Tona

Dr. Antonino Sferlazza

Deadline for manuscript submissions

closed (31 October 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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Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and
Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.4 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the second half of 2024).