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Smart Energy Control & Conversion Systems

Guest Editors:

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Deadline for manuscript submissions:
closed (31 October 2022)

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.

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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.

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