



Intelligent Mechatronic and Renewable Energy Systems

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 March 2023)

Message from the Guest Editor

Mechatronic and renewable energy systems are the driver of our world, with electrical energy as their basis. Of utter importance is a reliable and efficient operation of these systems and their interconnection with the future power grid to ensure global welfare and sustainability.

Therefore, I cordially invite original manuscripts presenting recent advances in these important and interdisciplinary research fields and applications with particular (though not exclusive) focus on:

- Nonlinear and hybrid modeling approaches (considering also the switching behavior of the power electronic actuators);
- Nonlinear, optimal, and fault-tolerant control strategies;
- Efficiency enhancements (by intelligent design and/or control);
- Fault detection methods; and
- Condition-monitoring approaches.

The Special Issue shall present cutting-edge research results in these emerging fields as a basis for a reliable and efficient operation of future mechatronic and renewable energy systems.





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Editor-in-Chief

Prof. Dr. Marc A. Rosen

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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