

Special Issue

Multiport Converters for Renewable Energy Sources and EV (Electric Vehicle) Applications

Message from the Guest Editors

Multiport converters play a significant role in the modern energy system and EV industry. The global demand for integration of renewable energy sources into a DC microgrid system leads to the necessity of optimized and more sophisticated multiport systems. We invite papers by the following:

- Technical, economic, and environmental assessment of multiport converter applications for renewable energy systems (including domestic, community, and industrial);
- Novel methods and innovative approaches to power conversion and optimization for various multiport converter systems (theory with modelling and/or practice with implementations and case studies);
- Optimization techniques for control strategies including efficiency, reliability, and cost;
- Protection and robustness for multiport converters.

For more information on the Special Issue, please visit LINK https://www.mdpi.com/journal/applsci/special_issues/SJ900T1VO1

Guest Editors

Dr. Levon Gevorgov

Institut de Recerca en Energia de Catalunya, 08930 Barcelona, Spain

Dr. Olena Rubanenko

Research and Innovation Center for Electrical Engineering (RICE),
Faculty of Electrical Engineering, University of West Bohemia,
Univerzitni 8, 30614 Pilsen, Czech Republic

Deadline for manuscript submissions

closed (20 September 2024)



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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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