

Special Issue

AC and DC Power Grids System Technologies: Analysis, Control and Practical Applications, 2nd Edition

Message from the Guest Editors

In this issue, we sincerely invite the submission of original research results regarding artificial intelligence and advanced power and renewable energy systems technologies. Potential topics of interest for publication include but are not limited to the following:

- AC and DC Power Grids;
- High Power DC/DC Converters;
- Multi-terminal HVDC Converter Control and Protection;
- DC Technology at Medium and Low Voltage;
- Strategies for AC and DC Fault Ride-Through;
- Other Converter Topologies;
- Smart Grids;
- Renewable Energy Technologies;
- Photovoltaic and Wind Energy Technologies;
- Fault Detection and Diagnostics;
- AI-based Methods;
- Sensor-based Control;
- Big Data and Machine Learning;
- Intelligent Control and Applications;
- Battery Energy Storage System;
- Power Electronics and Motor Control Technology for Vehicles;
- Energy Saving Technology for Building and Air Conditioning;
- Other Related Technologies and Applications.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2025)



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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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