

## Special Issue

# Power Management and Control of Microgrid with Distributed and Renewable Energy Sources

### Message from the Guest Editors

The purpose of this Special Issue is to address and disseminate state-of-the-art research in microgrids by academics, industries, and research organizations. This Special Issue will bring together recent advances in microgrid and will offer a major forum for reporting advances in microgrid research and associated technologies to uptake renewable-based generation. Topics of interest include but are not limited to the following:

- Recent advancement in microgrids and emerging microgrid technologies;
- Microgrid structures and configurations, Design of microgrid;
- Power electronic converters for microgrid;
- Advanced control and energy management of DC, AC, hybrid AC/DC microgrids;
- Microgrid integration and their impact on the distribution grid;
- Energy storage for microgrid;
- Integration of electric vehicles in microgrids and vehicle-to-grid (V2G) and grid-to-vehicle (G2V) operation;
- Cyber security of microgrid.

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### Guest Editors

Dr. Md Enamul Haque

Dr. Sajeeb Saha

Dr. Jiefeng Hu

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### Deadline for manuscript submissions

closed (31 May 2021)



## Electronics

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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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).