

## Special Issue

# Grid-Connected Renewable Energy Sources

### Message from the Guest Editor

Topics of interest include but are not limited to the following:

- Renewable energy conversion;
- Emerging renewable energy technology;
- Power conditioning devices for the grid integration of renewable energy sources;
- Centralized and distributed energy storage systems for reliable and secure power systems (batteries, supercapacitor, hydrogen, flywheel, pumped hydro storage, etc.);
- Renewable energy policies (market design);
- Power quality problems with renewable energy sources;
- Computations methods for assessing the power grid resilience and safety with renewable energy sources;
- Intermittent renewable energy sources: assessing and control strategies;
- Impact of the increasing demand of electric vehicle charging;
- Energy management systems for grid-connected renewable energy sources;
- The provision of ancillary services to the grid from renewable energy sources;
- Monitoring, prognostic and diagnostic of grid-connected renewable energy sources.

Welcome to contribute!

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### Guest Editor

Dr. Jesus C. Hernandez

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).