

Special Issue

New Technologies for Smart Distribution Grid

Message from the Guest Editors

The main aim of this Special Issue is to seek top-quality contributions that underline emerging applications and address recent breakthroughs in all aspects of “New Technologies for Smart Grids”. Potential topics include but are not limited to the following:

- EV charging technologies.
- Distributed generation.
- Protection and fault detection.
- Power quality issues.
- Metering.
- Blockchain.
- Cyber security.
- Maintenance.
- New IT and communications technologies in smart grids.
- AI techniques applied to distribution networks.
- Smart appliances and electronic power conditioning devices.
- Technology for self-healing and resilience networks.
- Pilots, POC and demonstrations of applications of digital processing and communications to distribution networks.

Welcome to contribute!

Guest Editors

Dr. Mario Mañana

Dr. Ahmed F. Zobaa

Dr. Alfredo Vaccaro

Deadline for manuscript submissions

closed (15 September 2020)



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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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provided to authors approximately 16.8 days after
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days (median values for papers published in this journal in
the first half of 2025).