



## Smart Distribution Grid Technologies and Applications

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**closed (30 September 2021)**

### Message from the Guest Editors

Dear Colleagues,

Distribution grids are moving towards a renewed flexible architecture to improve energy efficiency and reliability while minimizing costs and environmental impact. The road to the change is not trivial and presents various challenges that have to be tackled. Distributed energy resources together with smart control and communication systems are the ways to face the new challenges, but new studies and methods are required for the validation of the proposed solutions.

This Special Issue aims to encourage both academic and industrial researchers to present their latest enhancements concerning all the technologies for smart distribution grids and their applications. Topics include but are not limited to the following:

- Demand response
- Demonstration or field application experiences
- Distributed energy resources for ancillary services
- Distributed generation
- Distributed monitoring for distribution grids
- Energy storage integration
- Management and control of smart distribution grids
- Microgrids
- Renewable energies
- Telecommunication systems for distribution grids





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## Message from the Editor-in-Chief

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