

# Special Issue

## Smart Grid Solutions for the Reliable and Effective Design and Operation of Electrical Infrastructures

### Message from the Guest Editors

This Special Issue aims to bring together scientists and researchers to publish both state-of-the-art papers and original research contributions on the topic “Smart Grid solutions for the reliable and effective design and operation of electrical infrastructures.” Topics of interest include, but are not limited to, the following:

- approaches for an optimal power system planning and operation
- coordination schemes for users and flexibility resources aggregation
- coordination schemes among network operators
- new technologies integration (e.g., energy storage systems or electric mobility)
- strategies for the ancillary services provision by DERs, loads, storage, etc.
- power system reliability and resilience
- advanced asset management systems
- regulatory framework
- advanced grid automation and protection schemes
- software tools for networks modeling and management

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### Guest Editors

Dr. Davide Falabretti

Dr. Samuele Grillo

Dr. Alessandro Bosisio

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### Deadline for manuscript submissions

closed (31 July 2021)



**Infrastructures**

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### Editor-in-Chief

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