



Modeling, Optimization, and Control in Smart Grids: 2nd Edition

Guest Editors:

Prof. Dr. Paulo Coelho

Smart Cities Research Center
(Ci2-IPT), Polytechnic Institute of
Tomar, 2300-313 Tomar, Portugal

Prof. Dr. Mario Gomes

Smart Cities Research Center
(Ci2-IPT), Polytechnic Institute of
Tomar, 2300-313 Tomar, Portugal

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Message from the Guest Editors

Dear Colleagues,

This issue aims to present and disseminate the most recent advances related to the theory, design, modeling, application, optimization, communication, control, and also planning and management of smart grids.

Topics of interest for publication include, but are not limited to:

- Modeling of control strategies for a robust smart grid;
- Smart grids, optimization, and artificial intelligence;
- Communication and control based on machine learning methodologies;
- Algorithms for modeling, optimization, and control;
- Wide area for monitoring, control, and protection;
- Advanced modeling approaches;
- Integration of renewable generation, distribution, and energy storage;
- Microgrids, distributed energy supply, and electricity markets;
- Energy management systems, demand response, efficiency, and challenges;
- Integration of electrical vehicles in smart grids;
- Smart grid protection/security;
- Distributed communications and sensing/metering in a smart grid.



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Prof. Dr. Paulo Coelho

Prof. Dr. Mario Gomes
Guest Editors

Special Issue



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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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