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Smart Energy Systems: Learning Methods for Control and Optimization

Guest Editors:

Prof. Dr. Ramiro Barbosa

Institute of Engineering of Porto, Rua Dr. António Bernardino de Almeida, 431, 4249-015 Porto, Portugal

Dr. Pedro Faria

GECAD—Research Group on Intelligent Engineering and Computing for Advanced Innovation and Development, LASI—Intelligent Systems Associate Laboratory, Polytechnic of Porto, 4200-072 Porto, Portugal

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Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on the application of learning methods for the control and optimization of smart energy systems, which incorporate a wide range of technologies such as renewable energy sources, distributed energy resources, smart grids, smart energy infrastructures, energy storage systems, electric vehicles, and demand response. Through the integration of these technologies, the system can balance energy supply and demand, reduce energy waste, and increase energy efficiency, moving to future renewable and sustainable energy solutions.

The potential authors are encouraged to contribute to all aspects related to smart energy and sustainable energy systems. The covering of relevant up-to-date learning methods of machine learning, deep learning, reinforcement learning, and evolutionary algorithms will bring new outcomes in the development of smart energy systems control and optimization.

Prof. Dr. Ramiro Barbosa Dr. Pedro Faria *Guest Editors*











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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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