Special Issue

AI, IoT and Block Chain Assisted Intelligent Solutions to Energy Efficient and Sustainable Systems

Message from the Guest Editors

Energy efficiency in digital scenario and fast computing methodologies has become one of the most vital parameters in determining the success of a product in the market. To stay globally competitive, every manufacturer and service provider invests huge amounts of money in research and development for artificial intelligence solutions in assisting the energy efficiency and sustainability of their products. Recently, artificial intelligence (AI), internet-of-things (IoT), big data analytics, machine learning, deep learning, cloud computing and block chain technologies have been intelligently applied with various applications in networking, manufacturing, building management, transportation and shipping to build energy efficient and sustainable systems. This Special Issue focuses on the recent advancements in product-based design and manufacturing for achieving energy efficiency using artificial intelligence technologies.

Guest Editors

Prof. Dr. Jens Bo Holm-Nielsen

Department of Energy Technology, Aalborg University, 6700 Esbjerg, Denmark

Dr. Padmanaban Sanjeevikumar

Department of Energy Technology, Aalborg University, 6700 Esbjerg, Denmark

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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