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Going Smart: Integrating Artificial Neural Network in the Energy Domain

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Deadline for manuscript submissions:
closed (1 January 2024)

Message from the Guest Editors

Smart grids are playing an increasingly important role in the context of so-called smart environments. In the energy domain, the data are collected by the distributed intelligent elements of smart grids in the context of the Internet of Things paradigm. Possible types of learning methods used by artificial intelligence include machine learning and deep learning.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Artificial intelligence applied to the energy system
- Big data applied to the energy system
- Carbon footprint
- Deep learning applied to the energy system
- Energy consumption
- Energy demand
- Energy efficiency
- Energy forecasting
- Green communications
- Internet of Things applied to the energy system
- Machine learning applied to the energy system
- Microgrids
- Renewable energies
- Smart buildings
- Smart environments
- Smart grid

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Message from the Editor-in-Chief

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