

## Special Issue

# Application of Artificial Intelligence and Data Mining in Energy System

### Message from the Guest Editors

This Special Issue focuses on the application of artificial intelligence and data mining in power system. Topics of interest for publication include but are not limited to the following:

- Data mining techniques applied to power systems (e.g., Typical load profile characterization, customers classification, identification of electricity failures)
- Artificial intelligence applied to energy systems (e.g., use of methods such as knowledge-based (expert) systems, fuzzy logic, neural networks and genetic algorithms)
- Renewable energy, demand-response, smart distribution grids
- Energy management system in smart distribution grids and in residential buildings
- Advanced flexibility strategies for electricity communities
- Shared PV generation in residential building context
- Electric vehicles planning and operation in smart grid (including behavior models for simulation and optimization of EVs in the grid)

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 July 2023)



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