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Automation, Control and Energy Efficiency in Complex Systems

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Message from the Guest Editor

It is well established that engineering systems are often complex, uncertain, and nonlinear. These complex systems are in great need of computation and their processing has led to the use of automation control. As such, the energy efficiency of complex systems is of great importance and is the topic of discussion for this Special Issue.

The Special Issue aims to be a leading peer-reviewed platform and surveys the state-of-the-art and modern automation control techniques, and optimization algorithms, which are deployed to achieve complex energy efficiency. The Special Issue covers research on energy analysis, energy modelling and prediction, integrated energy systems, energy planning, and energy management to improve energy efficiency. In addition, papers are welcome on other related topics, such as renewable energy, electricity supply and demand, bioenergy, robot, vehicle, energy storage, energy conservation, energy in buildings, industrial and residential within the context of the broader automation control and energy efficiency...



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Special Issue



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Message from the Editor-in-Chief

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.

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