

## Special Issue

# Advanced Control Systems and Mechatronics for Improving Energy Efficiency

### Message from the Guest Editors

In recent years, there have been increasing concerns regarding increases in energy demand and global warming, and reductions in greenhouse gases. To reduce carbon dioxide emissions, energy consumption must be reduced by improvements in energy efficiency in the industrial and commercial sectors. Better-controlled performance, improvements in energy intensity and significantly reduced energy consumption are the goals of many manufacturing and commercial facilities. The integration of a monitoring system, data analytics, fault diagnosis and advanced control techniques would increase energy savings. This proposed Special Issue aims to highlight all relevant aspects of the advanced control, monitoring, and system integration of energy systems related to their theory, design, modelling, data analytics methods and application in energy efficiency improvement applications. The focus will be on the most innovative approaches in terms of challenges, requirements, methodologies, technologies, and smart applications.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 July 2023)



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## About the Journal

### 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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### Editor-in-Chief

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