

Special Issue

Thermal Engineering: Energy Conversion, Numerical Simulation, and Advanced Control

Message from the Guest Editors

This Special issue aims to compile theoretical, numerical, and experimental research and review articles with novel findings that can contribute significantly to the scientific community. Topics include, but are not limited to, the following:

- The development of models and numerical simulations to predict the behavior of energy conversion systems under various operating conditions;
- Simulation of possible advanced control scenarios and application of specialty software or AI tools to improve the energy efficiency of various applied engineering processes;
- Solutions applicable to various processes, improving sustainability, and reducing negative energy impact;
- Contributions related to new design approaches and materials that can optimize control and energy conversion efficiency in systems;
- Mathematical models that show the behavior of the processes or new thermodynamic power cycles that improve processes;
- Modern control systems in continuous or discontinuous processes.

Guest Editors

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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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