

Special Issue

Advanced Control for Nuclear Energy Systems: Intelligent Control and Operation Strategies

Message from the Guest Editors

This Special Issue, entitled “Advanced Control for Nuclear Energy Systems: Intelligent Control and Operation Strategies”, aims to bring together researchers and practitioners to share the latest developments and breakthroughs in this rapidly evolving field. Submissions encompassing theoretical frameworks, simulation studies, and real-world applications are all welcomed. By showcasing novel strategies for monitoring, control, and automation, this Special Issue sheds light on the integration of smart technologies into nuclear energy systems to achieve robust, reliable, and adaptable systems under diverse and dynamic operational conditions. Ultimately, this collection fosters a deeper understanding of advanced control strategies and promotes innovative collaborations that will pave the way for safer, more flexible, and economically viable nuclear energy infrastructures.

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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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