Special Issue

Advanced Energy Conversion Technologies Based on Energy Physics

Message from the Guest Editors

Energy conversion technologies are pivotal in addressing global energy demands and environmental challenges. The field of energy physics provides a fundamental understanding of the processes involved in the conversion of different forms of energy, such as thermal, chemical, mechanical, and electrical. By leveraging advances in energy physics, innovative and efficient energy conversion technologies can be developed to enhance energy security, reduce greenhouse gas emissions, and support the transition to renewable energy sources. This special issue will provide a comprehensive overview of the latest advancements in energy conversion technologies. highlighting the critical role of energy physics in driving innovation. We look forward to receiving high-quality contributions that will advance the state-of-the-art in this vital field and inspire future research and development efforts.

Guest Editors

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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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