# Special Issue

# Advances in Computational Intelligence for Control, Estimation, and Optimization in Power Systems, Electrical Machines, and Renewable Energy Systems

## Message from the Guest Editors

With the growing complexity of modern power systems, electrical machines, and renewable energy integration, there is increasing demand for intelligent, adaptive, and robust methods to ensure efficient operation, reliability, and sustainability. Computational intelligence (CI) techniques, including artificial neural networks, fuzzy systems, evolutionary algorithms, and hybrid methods, have emerged as powerful tools to tackle challenges in modeling, control, estimation, and optimization within these domains. This Special Issue will bring together cutting-edge research and practical advancements in the application of computational intelligence to power and energy systems. Contributions that highlight novel approaches, real-world implementations, and interdisciplinary innovations are especially welcome.

## Guest Editors

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## Deadline for manuscript submissions

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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.

## Editor-in-Chief

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