

## Special Issue

# Recent Advanced Technologies in Power Electronics and Motor Drives

### Message from the Guest Editors

The field of power electronics and motor drives represents a broad and interdisciplinary subject that has witnessed a significant transformation driven by ongoing technological advancements and paradigm shifts. We are delighted to announce a special issue dedicated to exploring the latest developments and trends at the forefront of power electronics and motor drives. We welcome contributions encompassing a wide spectrum of topics, including but not limited to: Advanced power electronic converters; Power converter topologies; Sensorless methods for electric drives; Control techniques in power electronic converters and industrial drives; Emerging wide-bandgap semiconductor devices; High-power density architectures, design methodologies and lightweight power electronic solutions; Advancements in electric vehicle powertrain technologies, including motor drives; Multilevel converters for electric drives.

### Guest Editors

Dr. Tariq Kamal

Dr. Mohamed Louzazni

Prof. Dr. Marco Mussetta

### Deadline for manuscript submissions

closed (30 April 2025)



## Energies

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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

Prof. Dr. Enrico Sciubba  
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