

## Special Issue

# Design and Control of Multilevel Converter

### Message from the Guest Editors

Multilevel converters have become a vital technology in high-power and high-voltage applications, offering advantages such as improved power quality, higher efficiency, and lower electromagnetic interference. Their ability to handle complex energy demands makes them well-suited for modern systems. This special issue focuses on recent developments in multilevel converter research, including innovations in topology design, modeling, modulation, and control strategies. Particular emphasis is placed on their practical applications in renewable energy systems, electric vehicles, and smart grids. By presenting both theoretical insights and real-world implementations, this issue aims to highlight the evolving role of multilevel converters in supporting clean energy, efficient transportation, and intelligent power infrastructure.

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## Applied Sciences

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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