

## Special Issue

# Advanced Control Strategies of Grid-Connected Converters for Distributed Energy Resources

### Message from the Guest Editors

This Special Issue aims to present and disseminate the most recent advances related to the modelling, control, stability analysis and application of grid-connected power converters for DERs. The topics of interest include, but are not limited to, the following research areas: (1) Adaptive and robust control of power converters with high penetration of DERs; (2) Finite time control of power converters with high anti-disturbance ability; (3) Advanced control of power converters under unbalanced power grid voltage conditions; (4) Harmonic suppression strategies of power converters for DERs; (5) Stability analysis and advanced stabilization control of power converters for DERs; (6) Advanced grid-forming control method of power converters for DERs with limited power.

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*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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