# Special Issue

# Advanced in Resonant Converter and Dual Active Bridge Converter

## Message from the Guest Editor

Dear colleagues, With the recent appearance of wide band gap (WBG) devices, ultrafast switching for a high power density of the power converter is possible. These advancements in semiconductor devices are driving enhanced technologies and approaches for resonant converters and dual active bridge converters to provide more high efficiency and high density. This Special Issue will cover this promising and dynamic field of research and development. Innovative papers on advanced topology, simulation, modeling, and control enhancement of a load resonant converter or dual active bridge (DAB) Converter are welcome in this special area. Topics of interest for publication include, but are not limited to:

- Novel power electronic topologies;
- Modeling, analysis, and design of converter and/or control;
- SiC/GaN-based high frequency operation;
- Resonant network or transformer design, tuning, and optimization;
- High efficiency design and control;
- Applied technololgy to wireless power transfer (WPT) systems or DC–DC conversion with electrical isolation.

## Guest Editor

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## Deadline for manuscript submissions

closed (9 October 2019)

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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.

## Editor-in-Chief

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