

## Special Issue

# Design, Control, Modeling and Simulation of Energy Converters

### Message from the Guest Editors

Due to the increasing development of energy conversion systems with diverse technological applications (such as electromobility, sustainable energy and highly energy-efficient systems, among others), the design, control, modelling and simulation of power converters are becoming additional interests in all energy conversion processes. Moreover, they allow us to achieve high energy efficiency and operational reliability.

Some of the characteristics of the modelling and simulation of power systems prior to their design is the ability to have a rigorous theoretical analysis and solid simulations. These enable us to foresee stress situations in components integrating the whole system in a laboratory and/or applications in industry. This Special Issue on the “Design, Control, Modeling and Simulation of Energy Converters” aims to cover the recent advances in the development and application of power converters. Topics include, but are not limited to, methods and/or applications in the following areas:•

Energy engineering;

- Solar energy;
- Power converter;
- Energy storage;
- Fuel cell;
- Renewable energy.

### Guest Editors

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### Deadline for manuscript submissions

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