



Design, Modeling, and Optimization of Novel Fuel Cell Systems

Guest Editor:

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Deadline for manuscript submissions:

closed (10 March 2023)

Message from the Guest Editor

Dear Colleagues,

This Special Issue is now open for submissions. Topics of interest for publication include, but are not limited to, the following:

- Innovative and alternative approaches to the design and modeling of fuel cell systems
- Studies of fuel cell-based systems related to economic and/or environmental aspects
- Photovoltaic or wind turbine-fuel cell hybrid energy systems
- Flexi-fuel stationary SOFC-based systems
- Methanol-fueled PEMFC systems for onboard applications
- Green marine propulsion power plants and hybridization options with conventional propulsion
- Combination of fuel cell technology with refrigeration cycles
- Alternative methods of electrolysis applied at the system level
- System analysis for solar-driven CO₂ electrolysis
- Hydrogen production using solid oxide electrolysis integrated with renewable heat and power
- Application of novel control strategies in fuel cell systems



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Guest Editor

Special Issue



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Message from the Editor-in-Chief

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