Special Issue

Applications of Fuel Cell Systems

Message from the Guest Editors

The importance of hydrogen as an energy carrier will increase in the coming years as hydrogen scenarios are essential in the future energy strategies of many countries. The aim of this Special Issue is to collect articles (original research articles and reviews) on recent developments and progress made through experimental and modelling studies with respect to fuel cell systems in various applications. Topics of interest include, but are not limited to, the following:

- Progress and development of fuel cell systems in mobile applications;
- Optimisation of fuel cell systems for specific applications like, for example, heavy-duty trucks, trains, maritime, aviation, and combined heat and power;
- Operation of fuel cell systems in harsh environmental conditions;
- Control of fuel cell systems;
- Optimal operation of fuel cell systems;
- Cooling and thermal integration of fuel cells;
- Hybrid fuel cell systems;
- Optimisation of balance-of-plant components;
- Weight reduction of fuel cell systems for mobile applications;
- Strategies and approaches for the upscaling of fuel cell system size;
- Strategies for cost reduction and life-time extension of fuel cell systems.

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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.

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