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## Air-Cooled Fuel Cells

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Deadline for manuscript  
submissions:

**closed (30 November 2021)**

### Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to highlight the most insightful and influential investigations and theories, those that will form the foundation of the next year's technological challenges in AC-PEFCs. We would like to include articles that show recent developments in the field of design, modeling and validation, Balance of Plant (BoP) proposals, and practical applications of AC-PEFCs. Topics of interest for publication include but are not limited to:

- air cooled open-cathode polymer electrolyte fuel cells
- BoP configurations
- oxidant/cooling subsystem design
- thermal management
- development of new materials for MEAs, flow channels, electrodes
- experimental studies of AC-PEFCs in low, medium, and high power
- performance improvement of AC-PEFC
- electrochemical impedance spectroscopy
- electrothermal performance mapping
- comparison between liquid cooled and air cooled PEFCs
- AC-PEFCs applications: transport, stationary, and micro-CHP
- AC-PEFC market and industry reviews
- AC-PEFC challenges in the next years

Prof. Dr. Francisca Segura

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*Guest Editors*



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# Special Issue



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## 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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