

## Special Issue

# Solid Oxide Cells: Technology, Design and Applications

### Message from the Guest Editor

The purpose of this special issue is to address the advances in research related to the use of solid oxide cells in all fields of application, from core technology advances to system design, manufacturing quality assurance and market deployment. We invite original manuscripts with special reference to the following topics:

- SOC electrochemical processes and degradation
- SOC fuel synthesis and conversion
- SOC design, operation, testing and manufacturing
- SOCs in the field: controls, performance, reliability
- SOC applications: power-to-X and combined heat and power
- SOC deployment strategies and market feedback

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### Guest Editor

Dr. Stephen McPhail

ENEA – Italian National Agency for New Technologies, Energy and Sustainable Economic Development, Department of Energy Technologies and Renewable Sources, 00123 Rome, Italy

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### Deadline for manuscript submissions

closed (28 February 2022)



## Energies

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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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### Editor-in-Chief

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