



Solid Oxide Fuel and Electrolysis Cells: Operation, Performance and Technologies

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Deadline for manuscript submissions:

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Message from the Guest Editors

This Special Issue on “Solid Oxide Fuel and Electrolysis Cells: Operation, Performance and Technologies” seeks high-quality novel works focusing on the latest advances in SOFCs and SOECs technologies.

The key topics covered by this Special Issue include, but are not limited to, the following:

- Synthesis and characteristics of the SOFC/SOEC anode, electrolyte, interconnects, and cathode materials;
- Low/intermediate-temperature SOFC/SOEC techniques;
- Microstructural improvement of the SOFC/SOEC supporting layers;
- Novel fabrication methods and stack design techniques;
- New SOFC/SOEC structures (e.g., tubular, flat tubular, planar, segmented-in-series, metal-supported);
- Simulation and modelling of SOFCs/SOECs;
- Numerical studies and diagnostic methods;
- Other methods to use or produce hydrogen.





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Message from the Editor-in-Chief

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