# Special Issue

# Recent Advances of Solid Oxide Fuel Cells (SOFC)

### Message from the Guest Editors

Solid oxide fuel cells are highly efficient electrochemical devices that convert chemical energy of gaseous fuels directly into electrical energy and in an environmentally friendly manner. They are a very promising candidate for future fuel cell-powered energy society, especially when considering stationary high-power systems. This special issue “Advances in Solid Oxide Fuel Cells” seeks high quality works focusing on the latest advances in solid oxide fuel cell technology considering:

- materials development
- single-cell, stack and system development
- optimizing operating environment
- modelling and numerical analysis of SOFCs
- fuel flexibility
- internal reforming
- degradation mechanisms in solid oxide fuel cells
- online monitoring tools

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### Deadline for manuscript submissions

closed (31 March 2021)

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