

## Special Issue

# Advanced Manufacturing of Fuel Cells and Fuel-Cell Components: 2nd Edition

### Message from the Guest Editors

As the world is transitioning to more sustainable energy sources, hydrogen serves as one of the leading energy vectors. Its use in fuel cells to obtain heat and power is becoming increasingly popular, both for stationary and for mobile applications; quite remarkably, even fuel-cell types fed by other fuels (e.g., direct methanol fuel cells) are considered very promising and substantial research efforts have been spent on them. This Special Issue specifically aims to serve as a collection of the most recent contributions in the field. The following topics are of significant interest, but manuscripts addressing other relevant topics are also welcome:

- Additive manufacturing techniques applied to fuel cells;
- Fabrication of the entire membrane electrode assembly;
- Deposition of the catalyst layers and membrane manufacturing process;
- Manufacturing of bipolar plates and gas diffusion layers;
- Production of fuel-cell gaskets;
- Fuel-cell stack assembly lines;
- Techno-economic assessment of the whole industrial process or part(s) of it;
- Automation.

### Guest Editors

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### Deadline for manuscript submissions

24 October 2025



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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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