



## Plasma Application in Fuel Conversion Processes

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submissions:

**closed (31 December 2023)**

### Message from the Guest Editor

This Special Issue aims to present the most recent advances in these areas, as well as new applications and concepts of plasma use in fuel conversion, and gather and compare achieved results.

Topics of interest for publication include, but are not limited to, the following plasma applications (both thermal and nonthermal):

- Solid fuel conversion (combustion, gasification, pyrolysis, steam reforming);
- Hydrogen production;
- Methane activation and coupling;
- Dry reforming;
- CO<sub>2</sub> conversion into fuels;
- Carbon material production;
- Cleaning of fuel conversion products (e.g., syngas or fumes);
- Plasma/catalytic systems for fuel conversion;
- Modelling of plasma fuel conversion processes;
- Design and measurement of plasma torches and reactors in the context of fuel conversion.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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