



Chemical Looping Combustion of Solid Fuels

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Message from the Guest Editors

The current Special Issue of the Energies journal deals with a developing technology of chemical looping combustion (CLC), where solid oxygen carriers are employed to transport O₂ between air and fuel, which eliminates the direct contact of the oxidant with the combusted fuel. As a result, the flue gas consists of a highly concentrated stream of carbon dioxide and removable water vapour, which is the key point of this technology.

To keep track of the topical achievements made in this field, the Special Issue entitled “Chemical Loping Combustion of Solid Fuels” was set up in the peer-reviewed open access journal Energies (IF: 2.702). This Special Issue covers original research and studies related to the title topic, including, but not limited to, oxygen carrier materials, CLC reactors and plants, new concepts, operational experiences and computer modelling, and technoeconomic assessments.

Thereby, we invite you to submit your work to this Special Issue. We look forward to receiving your original research and studies.





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Message from the Editor-in-Chief

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