

Special Issue

Chemical Looping Combustion of Solid Fuels

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 Looping 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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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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