



Plasma Catalysis for CO₂ Recycling

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Message from the Guest Editors

Dear Colleagues,

Plasma–catalytic-assisted processes are very complex, both at the level of gas phase (or liquid phase) interactions and at the level of solid–gas phase (liquid phase) interactions. Key to these interactions are the activation processes of CO₂ molecules, as well as the reaction centers of the catalyst, which in a traditional reaction are created under high temperatures.

In the pioneering Special Issue, all of these aspects related to the fields of physics, material science, catalysis, chemistry and the chemical engineering of plasma–catalytic processes will be presented.

Keywords:

- plasma
- reduction in CO₂ emissions
- catalysis
- chemical engineering
- methanol
- H₂
- CH₄

