

## Special Issue

# Plasma Catalysis for CO<sub>2</sub> Recycling

### Message from the Guest Editors

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 CO<sub>2</sub> 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 CO<sub>2</sub> emissions
- catalysis
- chemical engineering
- methanol
- H<sub>2</sub>
- CH<sub>4</sub>

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### Guest Editors

Prof. Dr. Patrick Da Costa

Prof. Dr. Annemie Bogaerts

Dr. Vasco Guerra

Prof. Dr. Monika Motak

Dr. Bogdan Samojeden

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### Deadline for manuscript submissions

closed (31 January 2023)



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*Catalysts*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[catalysts@mdpi.com](mailto:catalysts@mdpi.com)

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#### Editor-in-Chief

Prof. Dr. Keith Hohn  
Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
KS, USA

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