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Advances in CO₂ Capture and Conversion

Guest Editors:

Prof. Dr. Fausto Gallucci

Inorganic Membranes and Membrane Reactors, Sustainable Process Engineering, Department of Chemical Engineering and Chemistry, Eindhoven University of Technology, 5612 AZ Eindhoven, The Netherlands

Dr. Camel Makhloufi

Lorraine University, LRGP, UMR 7274, ENSIC, F-54001 Nancy, France

Deadline for manuscript submissions:

closed (1 April 2021)

Message from the Guest Editors

This Special Issue on “Advances in CO₂ Capture and Conversion” aims to cover recent advances in the development and application of CO₂ capture and conversion processes from a chemical reaction engineering point of view, and also address the main challenges that need to be overcome in order to bring this technology to the market. Potential topics include, but are not limited to:

- techno-economic analysis of CCUS processes and roadmaps for commercialization;
- experimental demonstration of novel catalytic reactors for chemical production;
- novel capture processes, including DAC;
- modeling of capture and conversion processes; and
- CO₂ reaction mechanisms.



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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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