Special Issue

Experimental and Computational Combustion Process

Message from the Guest Editors

To serve as a reservoir of ongoing breakthrough ideas and achievements, this Special Issue focuses on experimental and numerical applied and fundamental research including:

- Conventional, low-temperature, catalytic and oxyfuel combustion.
- Novel combustion concepts.
- Combustion of synthetic, renewable, waste-derived, and conventional fuels (solid, liquid, and gaseous).
- Analysis of regulated and unregulated emission formation along with reduction strategies.
- Development of surrogate fuels.
- Kinetic mechanisms and mechanism reduction.
- Heat transfer and flame dynamics.
- Combustion in gas turbines, reciprocating engines, burners, and furnaces.
- Special applications of combustion.

Guest Editors

Dr. Tine Seljak

Laboratory for Internal Combustion Engines and Electromobility, Faculty of Mechanical Engineering, University of Ljubljana, Aškerčeva cesta 6, SI-1000 Ljubljana, Slovenia

Prof. Dr. Francesco Contino

Institute of Mechanics, Materials and Civil Engineering iMMC, University of Louvain (UCLouvain), Place du Levant, 2, 1348 Louvain-la-Neuve, Belgium

Deadline for manuscript submissions

closed (20 February 2022)

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/59709

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

mdpi.com/journal/processes

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/journal/processes

About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))

MDPI