

Special Issue

Optimization for Control, Observation and Safety

Message from the Guest Editors

In this SI call, the aim is to offer an overview of the state-of-the-art of the most advanced (online and offline) optimization techniques and their applications in control engineering. Potential topics include (but are not limited to):

- Optimal control of linear and nonlinear systems;
- Optimal control of complex systems;
- Predictive control;
- Optimal observer design;
- Numerical optimization;
- Convex optimization through linear matrix inequalities;
- Evolutionary optimization;
- Constrained optimization;
- Takagi–Sugeno systems;
- LPV systems;
- Fault detection and isolation;
- Fault tolerant control.

Guest Editors

Prof. Dr. Guillermo Valencia-Palomo

Dr. Francisco Ronay López-Estrada

Dr. Damiano Rotondo

Deadline for manuscript submissions

closed (30 September 2019)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/21393

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

[mdpi.com/journal/
processes](https://mdpi.com/journal/processes)





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



[mdpi.com/journal/
processes](https://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))