

## Special Issue

# Model Based, Data Driven Identification and Control for Developing Intelligent and Smart Processes and Systems

### Message from the Guest Editors

This Special Issue "Model Based, Data Driven Identification and Control for Developing Intelligent and Smart Processes and Systems" will publish very high-quality, novel multi-disciplinary research results on identification and control on the identified application areas. The papers submitted to this Special Issue must include sufficient mathematical and scientific justification to validate the results and a mere explanation of the proof of concept of the technology will not be accepted for review. The word control and identification included in the scope signifies the development of new methods for the complexities included in the processes and systems. The following potential topics are welcome for this Special Issue, but are not limited to:

- Power and Energy Systems
- Bio-Processes and Systems
- Robotics and Manufacturing Processes and Systems

### Guest Editors

Prof. Dr. Valentina E. Balas

Department of Automatics and Applied Software, Faculty of Engineering, Aurel Vlaicu University of Arad, Ro-310025 Arad, Romania

Dr. Rajeeb Dey

Department of Electrical Engineering, National Institute of Technology, Silchar, Assam, India

### Deadline for manuscript submissions

closed (15 May 2025)



## Processes

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/147106](https://mdpi.com/si/147106)

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