

Special Issue

New Trends in Fuzzy Control System Applications in Complex Industrial Processes and Energy Systems

Message from the Guest Editors

This Special Issue seeks high quality research focusing on the latest novel advances fuzzy/NN/ILC intelligent control and other nonlinear control methods for both theoretical analysis and practical applications. Topics include, but are not limited to, the following:

- Intelligent control for nonlinear systems with time delay, disturbances, and a predetermined performance index for energy saving;
- Finite time/fixed time fuzzy control/NN control/ ILC/ model-free control design for the motion control of several different types of robotics, such as USV, AUV, UAV, WMR, Table Tennis Robot, Inspection robot, and so on;
- Distributed control/formation control/leader–follower tracking control design with fuzzy rule for nonlinear systems;
- New LLM/video data/image processing technology, algorithm design, applications and modeling.

Guest Editors

Prof. Dr. Hua Chen

Dr. Gang Wang

Dr. Yunfeng Ji

Deadline for manuscript submissions

31 December 2025



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/217543

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))