



Design and Analysis of Adaptive Identification and Control

Guest Editors:

Dr. Weicun Zhang

School of Automation and
Electrical Engineering, University
of Science and Technology
Beijing, Beijing 100083, China

Prof. Dr. Quanmin Zhu

School of Engineering, University
of the West of England-Frenchy
Campus, Coldharbour Lane,
Bristol, UK

Deadline for manuscript
submissions:

30 September 2025

Message from the Guest Editors

Dear Colleagues,

This Special Issue will explore recent technological developments in adaptive identification and control (design methods and theoretical analysis), especially for nonlinear stochastic processes such as robotic systems, manufacturing systems, transportation systems, power systems, chemical systems, etc.

Original research articles and reviews are welcome in this Special Issue. Research areas may include (but are not limited to) the following:

- Identification and self-tuning adaptive control;
- Event-triggered adaptive identification and control;
- Intelligent adaptive control;
- Robust adaptive control;
- Adaptive sliding-mode control.





an Open Access Journal by MDPI

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

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.

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))

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)