



an Open Access Journal by MDPI

# Research on Intelligent Control for Nonlinear Systems: Theory and Application

Guest Editor:

#### Dr. Yang Liu

The Seventh Research Division and the Center for Information and Control, School of Automation Science and Electrical Engineering, Beihang University (BUAA), Beijing, China

Deadline for manuscript submissions: **20 June 2025** 

### Message from the Guest Editor

This Special Issue focuses on research on intelligent control for nonlinear systems within the realm of mathematics. It aims to explore the theoretical underpinnings and practical applications of intelligent control methods in addressing the challenges posed by nonlinear systems. Potential authors are invited to contribute research that combines advanced mathematical techniques with innovative control strategies to improve the performance and stability of nonlinear systems. The issue will cover topics such as optimization algorithms, dynamical systems theory, and control theory applied to nonlinear systems.



mdpi.com/si/216319







an Open Access Journal by MDPI

# **Editor-in-Chief**

#### Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

## **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), RePEc, and other databases. **Journal Rank:** JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics )

## **Contact Us**

*Mathematics* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/mathematics mathematics@mdpi.com X@MathematicsMDPI