

Special Issue

Hybrid Artificial Intelligence for Systems and Applications

Message from the Guest Editor

Hybrid AI integrates multiple AI approaches, including symbolic reasoning, machine learning, evolutionary computation, expert systems, and fuzzy logic, among others, to create more robust and adaptive systems. The concept of hybrid AI stems from the recognition that no single AI technique can excel in all scenarios. While machine learning algorithms, such as deep neural networks, excel at pattern recognition and classification tasks, they may struggle with explainability and reasoning. Conversely, symbolic reasoning approaches are adept at logical inference and decision-making but may lack the scalability and flexibility offered by machine learning techniques. By integrating these approaches, hybrid AI aims to overcome their limitations and solve complex problems more effectively. The systems and applications in hybrid AI are diverse and far-reaching. This Special Issue aims to explore the principles, methodologies, and applications of hybrid AI in various fields. By gaining a deeper understanding of hybrid AI, researchers can use it to solve real-world challenges and advance the field of artificial intelligence in various domains.

Guest Editor

Prof. Dr. Mobyen Uddin Ahmed

School of Innovation, Design and Engineering (IDT), Mälardalen University, Box 883, 721 23 Västerås, Sweden

Deadline for manuscript submissions

closed (30 October 2024)



Digital

an Open Access Journal
by MDPI

CiteScore 3.1



mdpi.com/si/200017

Digital

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
digital@mdpi.com

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





Digital

an Open Access Journal
by MDPI

CiteScore 3.1



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



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Yannis Manolopoulos

Department of Computer Science, School of Sciences and Engineering,
University of Nicosia, 2427 Nicosia, Cyprus

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, EBSCO, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 28.4 days after submission; acceptance to publication is undertaken in 4 days (median values for papers published in this journal in the second half of 2024).