

Special Issue

Artificial Intelligence Challenges to the Industrial Internet of Things and Industrial Control Systems Applications

Message from the Guest Editor

This Special Issue aims to collect both academic and industrial research contributions to build a reference and actual picture of the main challenges and the main barriers—in terms of both operational and technology—to adopt nowadays and interface profitably Artificial Intelligence opportunities to the IoT, IIoT, Edge Computing, in a way that can lead industrial companies to transform Industry 4.0 promises into reality. Additionally, it would be focused on the opportunities, limitations and hidden b-side effects in applying AI to Industrial Control Systems, with specific attention to the cyber security issues introduced when very complex and so different systems and technologies are put together to work synergically.

Guest Editor

Dr. Fiammetta Marulli

Department of Mathematics and Physics, Università della Campania
"Luigi Vanvitelli", Viale Lincoln, 81100 Caserta, Italy

Deadline for manuscript submissions

closed (10 July 2025)



AI

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 6.9



mdpi.com/si/175080

AI/
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ai@mdpi.com

mdpi.com/journal/

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





AI

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 6.9



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

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

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Kenji Suzuki

Biomedical Artificial Intelligence Research Unit (BMAI), Institute of
Integrated Research, Institute of Science Tokyo, Yokohama 226-8501,
Japan

Author Benefits

Open Access:

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

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO,
and other databases.

Journal Rank:

JCR - Q1 (Computer Science, Interdisciplinary Applications)
/ CiteScore - Q2 (Artificial Intelligence)

