

Special Issue

Reinforcement Learning Approaches for Multi-Agent Coordination in Wireless Networks and Smart Communication Systems

Message from the Guest Editors

The following Special Issue focuses on the integration of Multi-Agent Reinforcement Learning techniques into wireless networks and smart communication systems, with the aim of enhancing scalability, adaptability, and efficiency. By leveraging the capabilities of reinforcement learning in a multi-agent setting, communication systems can move toward fully autonomous and self-optimizing behavior, where individual agents learn to act both independently and cooperatively to achieve global objectives. Dr. Yang Yi

Guest Editors

Dr. Yi Yang

School of Integrated Circuit, Tsinghua University, Beijing, P.R. China

Dr. Zhu Han

Department of Electrical & Computer Engineering, University of Houston, Houston, TX 77004, USA

Deadline for manuscript submissions

20 June 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/239479

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

appls





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, 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, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)