

Special Issue

Applications of Machine Learning and Artificial Intelligence to Radar Signal Analysis and Interpretation

Message from the Guest Editor

Understanding radar signals is a challenging task as humans do not have the sensory capability to directly perceive RF signals. Nevertheless, understanding radar signals is crucial for any application of radars, from crop classification to target recognition or electronic defence. In the last few years, tremendous progress has been achieved in the fields of machine learning and artificial intelligence. The application of these algorithms have proven to be very successful in multiple radar-based applications. This Special Issue aims to publish research efforts where ML and AI algorithms have been developed to understand radar signals for various applications.

Guest Editor

Prof. Dr. Amit Kumar Mishra

Department of Electrical Engineering, University of Cape Town, Cape Town, South Africa

Deadline for manuscript submissions

closed (20 November 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/149230

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

mdpi.com/journal/

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





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, CAPIus / SciFinder, and other databases.

Journal Rank:

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