



Applied Machine Learning in Intelligent Systems

Guest Editors:

Dr. Muhammad Shahid Anwar

Department of AI and Software,
Gachon University, Seongnam-si
13120, Republic of Korea

**Dr. Muhammad Salman
Pathan**

Department of Computer
Science, Maynooth University,
W23 F2K8 Maynooth, Ireland

Dr. Maria Torres Vega

Department of Electrical
Engineering (ESAT), KU Leuven,
3000 Leuven, Belgium

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editors

Dear Colleagues,

The Special Issue invites researchers, practitioners, and experts to contribute their original research articles and reviews on the following **topics of interest, among others**.

Human-Computer Interaction (HCI): Emotion recognition and sentiment analysis for personalized HCI experiences, user behaviour modelling and prediction in interactive systems and adaptive interfaces.

Virtual Reality/Metaverse: Machine-learning-driven content creation and adaptation in virtual and metaverse environments.

Images and Videos: Deep learning for image and video classification, segmentation, and recognition; object detection and tracking in complex visual scenes and content-based retrieval using machine learning techniques.

Human-Robotic Interaction: Collaborative human-robot teamwork and coordination, multimodal interaction for seamless human-robot engagement, gesture and speech recognition for intuitive robot control, and socially aware robots that adapt to human preferences and behaviour.

You are welcome to contribute!!!





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)