# Special Issue

## Signal Processing and AI Applications for Vehicles, 2nd Edition

### Message from the Guest Editors

In an era where technological advancements are reshaping the automotive industry, machine learning, and artificial intelligence have emerged as pivotal catalysts for transformation. Integrating these cutting-edge technologies into vehicles can revolutionize how we perceive, interact with, and utilize our automobiles. Advancements in machine learning and AI have enabled vehicles to become more than just modes of transportation. They are evolving into intelligent systems capable of autonomous navigation, predictive maintenance, adaptive driving, and personalized services. The potential impact of these technologies spans a wide array of domains, including driver-assistance systems, autonomous driving, vehicle-to-everything (V2X) communication, energy optimization, vehicle diagnostics, and connected car ecosystems. This Special Issue aims to provide a comprehensive platform for researchers, practitioners, and enthusiasts to delve into the diverse realms of machine learning and artificial intelligence within the context of vehicles.

### Guest Editors

Dr. Woong Cho

Dr. Gyanendra Prasad Joshi

Dr. Eunmok Yang

Dr. Srijana Acharya

### Deadline for manuscript submissions

15 December 2025


**Electronics**

**an Open Access Journal by MDPI**

**Impact Factor 2.6**
**CiteScore 6.1**

mdpi.com/si/240649

*Electronics*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics

# Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/journal/electronics

# About the Journal

## 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 guestedited by leading experts in selected topics of interest.

## Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

## Author Benefits

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

**Journal Rank:**

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

MDPI