Special Issue

Computer/Machine Vision Applications in Automation, Robotic, Mechatronic Systems

Message from the Guest Editors

The use of artificial intelligence (AI) techniques in automation, robotic, and mechatronic systems is on the rise. Computer/machine vision applications can now utilize tools such as machine learning and deep learning to achieve task requirements. Computer vision and machine vision are related. Computer vision deals with the automation of acquiring and processing images. Machine vision extends computer vision to industrial and practical applications.   This Special Issue is addressed to all types of computer/machine vision applications in automation, robotic, and mechatronic systems.

Guest Editors

Dr. Praneel Chand

Waikato Institute of Technology (Wintec) Te Pukenga, Hamilton 3200, New Zealand

Prof. Dr. Antonios Gasteratos

Laboratory of Robotics & Automation, Department of Production & Management Engineering, Democritus University of Thrace, Xanthi, Greece

Deadline for manuscript submissions

closed (31 March 2023)

Machines

mdpi.com/si/132418

mdpi.com/journal/
machines

MDPI

About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso
CISE—Electromechatronic Systems Research Centre, University of Beira Interior, Calçada Fonte do Lameiro, P-6201-001 Covilhã, Portugal

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:
JCR - Q2 (Engineering, Mechanical) / CiteScore - Q1 (Control and Optimization)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).