

Special Issue

Machine Vision in Industrial Systems

Message from the Guest Editor

Our focus extends to exploring the practical applications of machine vision in industrial automation, such as product quality inspection, production process monitoring, automated warehouse management, and industrial robot navigation. Moreover, the integration of machine vision with the industrial internet, artificial intelligence, embedded systems, and other fields will be explored to promote digitalization and intelligence in industrial production. This Special Issue invites contributions that span a wide array of topics, including, but not limited to, the following subjects:

- Artificial intelligence;
- Machine learning;
- Deep learning;
- Machine vision;
- Intelligent manufacturing and digital factory;
- Product quality inspection;
- Production process monitoring;
- Industrial robot navigation and positioning;
- Robot vision recognition technology.

Guest Editor

Prof. Dr. Degang Xu

School of Automation, Central South University, Changsha 410010, China

Deadline for manuscript submissions

closed (15 May 2024)



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

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).