

Special Issue

Autonomous Robots: Theory, Methods and Applications

Message from the Guest Editors

The objective of this Special Issue is to facilitate the understanding of current challenges and needs in the autonomous robots field, and to provide visibility for recent breakthroughs in the related technologies. The achievement of this objective will contribute to improving the state of the art and promoting further advances in the area, as well as providing opportunities for new viable applications.

The topics of the Special Issue include, but are not limited to:

- vehicles and drones;
- swarms;
- robot sensing and communication;
- mission planning;
- intelligent control;
- positioning and localization;
- communications;
- artificial intelligence integration;
- pattern analysis and recognition;
- decision support and safe operation;
- manipulation and locomotion;
- structure optimization;
- relevant applications.

Welcome to contribute.

Guest Editors

Dr. Chunxu Li

Dr. Ashraf Fahmy

Dr. Hooman Samani

Prof. Dr. Gang He

Deadline for manuscript submissions

closed (15 April 2023)



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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.4 days after
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the second half of 2024).