

Special Issue

Guidance, Navigation, and Fault-Tolerant Control of Autonomous Systems

Message from the Guest Editors

The Special Issue aims to discuss state-of-the-art operational approaches for autonomous platforms, where the potential topics include, but are not limited to:

- Guidance, navigation, and control for nonlinear systems
- System health assessment, monitoring, and adaptive operations
- Multi-robot-system operations for collaborative tasks
- Collision-free dynamic path-planning in uncertain environments
- Fault detection, isolation, and reconfigurable system design
- Fault-tolerant control system design
- Static and dynamic property estimation for autonomous systems
- New autonomous platform design and development
- Positioning, localization, and tracking system

Welcome to contribute!

Guest Editors

Dr. Donghoon Kim

Prof. Dr. Henzeh Leeghim

Prof. Dr. Jae Hyun Jin

Deadline for manuscript submissions

closed (30 November 2022)



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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

Prof. Dr. Flavio Canavero

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Author Benefits

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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 2.6 days (median values for papers published in this journal in the first half of 2024).