

Special Issue

The Application of Lidars in Positioning Systems

Message from the Guest Editors

The utilization of LiDAR (Light Detection and Ranging) technology in positioning systems has become increasingly significant. This technology is revolutionizing fields such as autonomous driving, robotics, and industrial automation by providing accurate distance measurements and detailed 3D mapping capabilities. This Special Issue aims to highlight the advancements, challenges, and future directions of LiDAR applications in positioning systems. The focus is on both theoretical developments and practical implementations that demonstrate how LiDAR can be integrated into various systems to improve their performance and reliability. Original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Autonomous driving;
- Robotics;
- Perimeter security;
- Target detection;
- Precision measurement;
- Deformation measurement;
- Rendezvous and docking;
- Automated forklifts.

We look forward to receiving insightful contributions.

Guest Editors

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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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