



Advances of UAVs Assisted Mobile Robot Navigation System

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Message from the Guest Editors

Research on collaboration efforts between unmanned aerial vehicles (UAVs) and various robots, especially mobile robots, is being actively conducted. System convergence can be maximized while compensating for the shortcomings of different systems. In many scenarios, UAVs may viably collaborate with traditional mobile robot navigation, and together, they have expanded the applications of aerial data.

This Special Issue aims to contribute to enhancing the knowledge of UAV-assisted mobile robot navigation systems. Original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Autonomous collaborative navigation;
- Data fusion (integration of UAV data with other sources, e.g., UGV and USV);
- Cloud-based multiple/heterogeneous robot system;
- Digital-twin-based multirobot system;
- Applications in real fields (agriculture, forestry, subterranean, etc.).





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Message from the Editor-in-Chief

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