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Mobile Robots for Navigation

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Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editors

This Special Issue will focus on mobile-robot or robot-swarm navigation systems, mobile robot SLAM, and real-time 3D motion planning, at all levels of abstraction. We welcome original, state-of-the-art studies in the areas that contribute to academia and industry. The Special Issue will cover, but is not limited to, the following:

- 1. Swarm path planning and ego-structuring
- 2. Self-localization
- 3. Map-building and map interpretation
- 4. Representations of the environment
- 5. Robot navigation systems related to indoor environments













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