



Applications of Intelligent Robots: Sensing, Interaction, Navigation and Control Systems

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Message from the Guest Editors

Dear Colleagues,

The latest advances in artificial intelligence are revolutionizing all sectors, including robotics. On the one hand, industrial robotics has produced significant advances in sensing, perception, manipulation, and collaboration with humans. On the other hand, social robotics has benefited from these developments by generating better conversational agents, improving the identification of emotions, and expanding the range of tasks it can perform.

This Special Issue aims to showcase all research in which robotics is enriched by integrating the latest trends in artificial intelligence. Authors are invited to submit high-quality papers on topics including (but not limited to) the following:

- Robot localization and navigation
- Rehabilitation robotics
- Assistive robotics
- Autonomous robots (air, land, sea, submarine, or aerospace) in unstructured environments
- Social robotics
- Human–robot interaction
- Cognitive robotics
- Multi-agent robotic systems

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Special Issue



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Message from the Editor-in-Chief

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