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Human-Robot Collaboration in Robotic Applications

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Deadline for manuscript submissions:
closed (30 June 2024)

Message from the Guest Editors

For this Specail Issue, in terms of sensing capabilities to provide different modalities and redundant systems for interaction visual, lidar, magnetics, tactile and audio are very different feedback information to develop the interacting cues between robot (and robotic things) and human. Topics include but are not limited to:

- Human-robot collaboration
- Human-robot interaction in self-driving vehicles
- Collaborative tasks in industry 4.0
- Cooperative robotic surgery
- Cooperative human-robot interaction in rehabilitation
- Social human interaction with Internet of Things (IoT)
- Multisensor detection for human-robot interaction
- Cloud and edge-based processing of sensor information for human-robot interaction
- Multi-robot cooperation with humans

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Message from the Editor-in-Chief

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