



## Human-Robot Interaction and Collaboration for Effective Solutions to Real-World Problems

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**closed (31 August 2025)**

### Message from the Guest Editors

Dear Colleagues,

The Special Issue entitled "*Human-Robot Interaction and Collaboration for Effective Solutions to Real-World Problems*" focuses on innovative technologies aiming at addressing challenges arising from human and robot coexistence in various environments, namely domestic and work environments. This Special Issue will feature research on communication interfaces that allow for intelligent human-robot interactions, the deployment of adaptive robots in close cooperation with humans in sensitive environments, and the role of autonomous systems that work in proximity with humans in critical scenarios. Articles will include case studies, technological innovations, and methodologies that demonstrate the significant impact of human-robot partnerships in enhancing operational efficiency, safety, and problem-solving in real-world applications.





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## Message from the Editor-in-Chief

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