



## Human–Robot Collaboration

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submissions:

**closed (31 January 2021)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue will collect novel works in the area of human–robot collaboration (HRC), with contributions from different disciplines and backgrounds, including mechanics, robotics, control, mechatronics, artificial intelligence, ergonomics, and others.

Topics of interest include, but are not limited to, the following:

- Collaborative robots and mobile collaborative robots: design and applications;
- Control strategies and artificial intelligence for HRC;
- Novel fields for HRC: advanced industrial applications, motor rehabilitation, educational robotics, etc.;
- Ergonomics in HRC;
- Collaborative devices;
- Standardization and risk assessment;
- Contact estimation and collision avoidance;
- Human factors in collaborative robotics.

Prof. Dr. Giacomo Palmieri

Prof. Dr. Aman Behal

*Guest Editors*





## Editor-in-Chief

### **Prof. Dr. Marco Ceccarelli**

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## Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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