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Human-Robot Collaborations in Industrial Automation

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submissions:

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Message from the Guest Editor

Technology is changing the manufacturing world. For example, sensors are being used to track inventory from the manufacturing floor all the way to a retail shelf or a customer's door. These types of interconnected systems have been called the fourth industrial revolution, also known as Industry 4.0, and are projected to lower manufacturing costs. As industry moves toward these integrated technologies and lower costs, engineers will need to connect these systems via the Internet of Things (IoT). The focus of this Special Issue is the smart sensors used in these human–robot collaborations. We invite authors to submit original research, new developments, experimental works, and surveys concerning human–robot interactions. Topics of interest include, but are not limited to:

- Haptic feedback;
- Controller design;
- Physical devices using human–robot interactions;
- Algorithm development;
- Artificial intelligence;
- Machine learning;
- Interface design.



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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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