Special Issue

Novel Sensors and Strategies for Human–Robot Interaction in Production

Message from the Guest Editor

Safe and smooth human–robot interaction can help in enormously increasing the efficiency of production systems and to minimize the changeover times of production equipment. The flexibility in production systems can even be increased by allowing smooth and intuitive collaborative tasks. Strategies and planning methods that can quickly reorganize robot systems are also of particular interest. During their interaction, the human and the robot form a team that should act efficiently. New sensors and control schemes can help to make this interaction between humans and robots more intuitive and safer. The aim of this Special Issue is to present a collection papers that brings together new developments in sensors and new methods for safe and efficient human–robot collaboration into a single volume. Contributions may include efficient planning methods, new learning methodologies, e.g., one-shot learning, or new and integrated sensors for efficient human–robot interaction or novel control schemes. For more information, please click: mdpi.com/si/102077

Guest Editor

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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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