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Medical Robotics

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Deadline for manuscript submissions:

closed (20 June 2022)

Message from the Guest Editors

Dear Colleagues,

The goal of this SI is to more broadly engage the medical/surgical robotics community, present the latest developments, and define the roadmap for future enhancements to these platforms. Apart from intelligent sensor technologies, smart mechatronics and data science tools, articles on technical development targeting ergonomics and usability, reports striving to establish a safe and reliable environment for Medical Robots 4.0 should also be included. Automated medical treatment promises a better quality of life for many, where eminence in science, engineering and design should go hand-in-hand, addressing technical-, safety- and performance-related questions. Your submissions are warmly welcomed. The topics including but not limited to:

- Intelligent medical robotic systems and equipment
- Medical imaging and image-based robotic intervention
- Haptics and physical interaction in medical robotics
- Autonomous sensing, manipulation, control, and optimization for medical robots, Computationally augmented and virtual environments for medical robotics

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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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