

Special Issue

Medical Robotics

Message from the Guest Editors

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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Guest Editors

Prof. Dr. Tamás Haidegger

Antal Beczy Center for Intelligent Robotics, Obuda University,
Budapest, Hungary

Dr. Axel Krieger

Department of Mechanical Engineering, Johns Hopkins University,
Baltimore, MD, USA

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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