



*sensors*



an Open Access Journal by MDPI

## Multisensor Intelligent Medical Robotics

Guest Editors:

**Prof. Dr. Iulian I. Iordachita**

Scholl of Engineering,  
Department of Mechanical  
Engineering Laboratory for  
Computational Sensing and  
Robotics, Johns Hopkins  
University, Hackerman Hall 125,  
3400 North Charles Street  
Baltimore, MD 21218-2682, USA

**Prof. Dr. Axel Krieger**

Department of Mechanical  
Engineering, University of  
Maryland, 2151 Glenn Martin Hall  
College Park, MD 20742, USA

Deadline for manuscript  
submissions:

**closed (30 November 2019)**

### Message from the Guest Editors

Dear Colleagues,

For this forthcoming Special Issue, we invite manuscripts on all aspects pertinent to medical robotics applications of multisensor technology. Single sensor medical robotics papers can also be included. Both reviews and original research articles are welcome. If you have suggestions that you would like to discuss beforehand, please feel free to contact us. We look forward to and welcome your participation in this Special Issue.

Manuscripts can be submitted anytime until the deadline. All papers will be peer-reviewed after pre check. Accepted papers will be published continuously in the journal.

**Keywords:** Multisensor; Sensor fusion; MRI-compatible sensor; Medical robotics; Surgical robotics; Image-guided surgery; Multisensor-based control; Sensorized medical device; Optical sensor; Sensor modeling; Sensor fabrication; Sensor calibration

### Website:

[http://www.mdpi.com/journal/sensors/special\\_issues/medical\\_robotics](http://www.mdpi.com/journal/sensors/special_issues/medical_robotics)



[mdpi.com/si/17864](http://mdpi.com/si/17864)

# Special Issue



# sensors



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access :** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Instruments & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

## Contact Us

*Sensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)