

**ISRM2019 - 6<sup>th</sup> IFToMM International Symposium on  
Robotics and Mechatronics  
28-30 October 2019, Taipei, Taiwan  
Special Session on:  
“Advances in Medical Robotics”**

Organized by

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Medical robotics in the last few decades has achieved rapid development and has been widely applied. Applications include neurosurgery robotics, orthopedics robotics, laparoscopic robotics, vascular interventional robotics, prosthetics and exoskeleton robotics, assistive and rehabilitation robotics, among others. Key technological research in medical robotics and automation is now very timely.

This special session is targeted at authors who wish to contribute to knowledge dissemination in medical robotics, minimally invasive surgical instrumentation, robot mechanics, application of robot-assisted medical imaging, and related areas. We invite submission of high quality papers as related to recent advances in medical robotics. Potential topics include, but are not limited to:

- Design of medical devices
- Kinematics and dynamics for medical robotics
- Exoskeletons and prostheses
- Humanoid & service robots
- Assistive robots and elderly assistance
- Surgical robots
- Human-robot interfaces
- Haptic devices
- Medical treatments using robotics and automation

Submission:

Details can be found on the website:

<https://ocs.springer.com/misc/home/ISRM2019>

Important Dates:

Full-paper submission deadline: 15 March 2019

Notification of acceptance: 15 April 2019

Please, visit the conference website for further information:

<http://www.isrm2019.org>

Authors of selected papers will be invited to submit a longer version of their work for publication in the ASME Journal of Medical Devices.

