

2019 International Symposium on Medical Robotics

Call for Workshop Proposals

The 2019 International Symposium on Medical Robotics (ISMR) will be hosted on the campus of Georgia Tech from April 3-5, 2019. ISMR will begin with the workshop(s) held on April 3, 2019 and the subsequent single-track symposium presentations will be from April 4-5, 2019. This symposium will feature keynote and semi-plenary talks, oral presentations, and posters.

The goal of ISMR is to bring together world-class researchers to present state-of-the-art research achievements and advances in surgical robotics, image-guided interventions, rehabilitation and assistive robotics, and prosthetics, as well as discuss challenges from the clinical point of view and address industry needs. It is envisioned that medical robots will integrate emerging technologies including soft robotics, smart materials, ergonomics, co-robotics, and artificial intelligence in the near future, and these topics will be featured in the symposium.

Potential topics for the symposium submissions include, but are not limited to, state-of-the-art research achievements and advances in surgical robotics, rehabilitation and assistive robotics, prosthetics, image-guided interventions, haptics, safety of robot-assisted procedures, training of medical personnel, and discussing potential challenges from the clinical point of view.

Call for workshops

Proposals for half-day and full-day workshops are invited. Workshops will be held on April 3, before the regular sessions of the symposium on April 4 and 5. Workshops should provide a forum for participants to discuss emerging and active research areas. We particularly welcome workshops that present content not typically found in the regular sessions of the symposium. Proposals should discuss how the workshop will facilitate comprehensive discussion on the selected topic and promote the active participation of and interaction between the attendees. Specifically, proposals should include the following:

Duration

Title

Organizers (affiliations and contact information)

Objectives (max 500 words)

Topics of interest (up to 5 keywords)

List of speakers (names, affiliations and talk titles)

Structure (talks, expert panels, Q&A)

Intended audience (max 300 words)

Expected attendance

Special requests (e.g., whiteboard or poster stands)

Workshop proposals should be sent on or before December 1, 2018, by email to:

- Mahdi Tavakoli (mahdi.tavakoli@ualberta.ca) and
- Ferdinando Rodriguez Y Baena (f.rodriquez@imperial.ac.uk)