



2022 International Symposium on Medical Robotics

April 13-15, 2022

Georgia Institute of Technology, Atlanta, GA, USA

- Call for Papers -

The 2022 International Symposium on Medical Robotics (ISMR) will be hosted on the campus of Georgia Tech from April 13-15, 2022. The symposium will begin with the workshop(s)/tutorial(s) held on April 13 and the subsequent single-track symposium presentations will be from April 14-15. This symposium will feature keynote and/or 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.

Symposium Paper Submission:

Instructions for preparing the symposium papers is available on the ISMR website (<http://ismr.gatech.edu/submissions>) and all submissions must follow the paper formatting instructions for IEEE conference proceedings that is available on the ISMR website. The page limit for each submission is flexible. However, the paper material (including text, figures, tables, acknowledgement, etc.) must fit into 6 pages, **while there is no page limit for the bibliography/references section (n pages). Papers exceeding the (6+n) page limit at the time of submission will be returned without review.** All accepted and presented papers that follow the IEEE format will be included in IEEE Xplore. There is an opportunity available for a travel award for eligible students.

Important Dates:

Paper submission site opens: November 15, 2021

Paper submission deadline: December 15, 2021

Paper decisions notification: February 1, 2022

Camera-ready copies of the papers due: February 25, 2022

Final program published on the website: March 1, 2021

General Chair: Jaydev P. Desai (Georgia Institute of Technology, USA)

Program Co-Chairs: Mahdi Tavakoli (Univ. of Alberta, Canada), Iulian Iordachita (Johns Hopkins University, USA) and Elena de Momi (Politecnico di Milano, Italy)

Publication Co-Chairs: Ann Majewicz Fey (UT Dallas, USA) and Farokh Atashzar (New York University, USA)

