



2021 International Symposium on Medical Robotics

November 17-19, 2021

Georgia Institute of Technology, Atlanta, GA, USA

- Call for Papers -

The 2021 International Symposium on Medical Robotics (ISMR) will be hosted on the campus of Georgia Tech from November 17-19, 2021. The symposium will begin with the workshop(s)/tutorial(s) held on November 17 and the subsequent single-track symposium presentations will be at the Marcus Nanotechnology Building at Georgia Tech from November 18-19. This symposium will feature keynote and semi-plenary talks, oral presentations, and posters. In-person event for ISMR 2021 is still under review and the final decision has not yet been made.

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](#) 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.

Important Dates:

Paper submission site opens	April 1, 2021
Paper submission deadline	May 1, 2021
Paper decisions notification	July 25, 2021
Camera ready copies of the papers due	August 15, 2021
Final program published on the website	October 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 Arianna Menciassi (SSSUP, Italy)

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

Awards Co-Chairs: Nabil Simaan (Vanderbilt University, USA) and Emmanuel Vander Poorten (KU Leuven, Belgium)

Workshop Co-Chairs: Kanako Harada (University of Tokyo, Japan) and Aaron Young (Georgia Institute of Technology, USA)

Publicity Co-Chairs: Jun Sheng (UC Riverside, USA) and Kihan Park (UMass Dartmouth, USA)

Travel Awards Co-Chairs: Zion Tse (University of York, UK) and Elena De Momi (Politecnico di Milano, Italy)

