

2025 International Symposium on Medical Robotics (May 14-16, 2025)
and
2025 Spring School on Medical Robotics (May 17-18, 2025)

The 2025 International Symposium on Medical Robotics (ISMR) will be held on the campus of Georgia Tech from May 14-16, 2025. The symposium will begin with the workshop(s)/tutorial(s) held on May 14 and the subsequent single-track symposium presentations will be at the Kendeda Building at Georgia Tech from May 15-16. This symposium will feature invited talk(s) and workshops in addition to single-track oral/poster presentations of original research.

As in the past, we also have the biennial school on medical robotics. In 2025, the Spring School on Medical Robotics (SSMR) will be from May 17-18, 2025, on the campus of Georgia Tech and will feature several invited speakers. 2025 ISMR and SSMR have been planned to be back-to-back with 2025 IEEE International Conference on Robotics and Automation (ICRA), which will be held in Atlanta, GA, USA from May 19-23, 2025.

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.

Paper Submission:

As with the last ISMR, we are providing authors with two options to present their research at the symposium, namely: 1) Submission through Journal of Medical Robotics Research (Editorial Manager) for presentation at ISMR and 2) submission to Papercept for publication in IEEE Xplore.

Option 1. Submit your paper to the JMRR by ~~November 1, 2024~~ **November 15, 2024** and select the option for 2025 ISMR during the JMRR submission process through the [Editorial Manager](#) system. JMRR paper submission guidelines are available on the [JMRR website](#) under "Submission Guidelines". Please note that JMRR papers are limited to 8 pages in length (excluding reference pages).

The review process for submissions to JMRR will be conducted in up to two rounds with one Major/Minor Revision allowed. If the paper is accepted for JMRR, it will be accepted for presentation at the 2025 ISMR, with the paper information included in the proceedings of 2025 ISMR.

All papers accepted in JMRR for presentation in the 2025 ISMR will only be published in JMRR after at least one author registration and paper presentation at the 2025 ISMR. These JMRR papers will be published in the journal after the 2025 ISMR.

Option 2. Submit your paper through Papercept to 2025 ISMR for publication in IEEE Xplore, by ~~November 1, 2024~~ **November 15, 2024**. Instructions for preparing the symposium papers will be available on the ISMR website (ISMR 2024 Paper Submission) and all submissions must follow the paper formatting instructions for IEEE conference proceedings that are 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: October 1, 2024

Paper submission deadline: ~~November 1, 2024~~ November 15, 2024

Paper decisions notification: February 14, 2025

Camera-ready copies of the papers due: March 3, 2025

Final program published on the website: April 7, 2025