

2027 International Symposium on Medical Robotics (April 27-29, 2027)
and
2027 Spring School on Medical Robotics (April 26, 2027)

CALL FOR PAPERS

The 2027 International Symposium on Medical Robotics (ISMR) will be held in Nashville, Tennessee, at Vanderbilt University from April 27-29, 2027. The symposium will begin with the workshop(s)/tutorial(s) held on April 27, and the subsequent single-track symposium presentations from April 28-29. This symposium will feature invited talks and workshops in addition to single-track oral/poster presentations of original research.

The biennial Spring School on Medical Robotics (SSMR) will take place on April 26, 2027, immediately before ISMR. Details of the school program, venue, and registration will be announced on the event website.

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.

ISMR 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 10, 2026 (firm deadline)** and select the option for 2027 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 2027 ISMR, with the paper information included in the proceedings of 2027 ISMR.

All papers accepted in JMRR for presentation in the 2027 ISMR will only be published in JMRR after at least one author registration and paper presentation at the 2027 ISMR. These JMRR papers will be published in the journal after the 2027 ISMR.

Option 2. Submit your paper through Papercept to 2027 ISMR for publication in IEEE Xplore, by **November 10, 2026 (firm deadline)**. Instructions for preparing the symposium papers will be available on the ISMR website (ISMR 2027 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: September 15, 2026

Paper submission deadline: November 10, 2026

Paper decisions notification: December 25, 2026

Camera-ready copies of the papers due: February 1, 2027

Final program published on the website: March 1, 2027

Registration Deadline (At least one author and Early-bird registration): March 15, 2027