



IEEE Medical Measurements & Applications

Montevideo, Uruguay
April 7-10, 2026

CALL FOR PAPERS

IMPORTANT DATES

January 12, 2026

Proposals for Special Sessions
Submission Deadline

January 12, 2026

Initial Full Paper Deadline

February 10, 2026

Review submission

February 13, 2026

Author Acceptance Notification

February 20, 2026

Revised paper submission

February 24, 2026

Notification acceptance/rejection
of revised manuscript

March 2, 2026

Final Paper Submission Deadline
and Early Registration deadline

ORGANIZING COMMITTEE

General Chair

Franco Simini

Universidad de la República,
Uruguay

Technical Program Chairs

Carlo Biancardi

Universidad de la República,
Uruguay

Sabrina Grassini

Politecnico di Torino, Italy

Zaccarà del Prete

Università La Sapienza, Roma

Special Sessions Chairs

Luca Lombardo

luca.lombardo@polito.it

Octavian Postolache

octavian.adrian.postolache@iscte-iul.pt



Universidad de la República
Uruguay
nib
núcleo de ingeniería biomédica

The 21st edition of the IEEE International Symposium on Medical Measurements and Applications will take place in Montevideo, Uruguay.

The symposium focuses on all aspects of interactions relating to instrumentation and measurement, biomedical engineering, material science, chemical and biological measurements, and leveraging Signal/Data Processing and Artificial Intelligence for accelerating measurement-based solutions for the medical field. The symposium enables researchers, healthcare professionals, technicians, and engineers to exchange ideas and information and make connections and collaborations towards advancing innovation on healthcare systems and diagnostics in medicine through research in instrumentation and measurement.

SYMPOSIUM TOPICS

- » Biomedical Engineering and rehabilitation
- » Measurement and quality control in Biomedical robotic methods
- » Optical and photonic biosensing
- » Hearing, acoustics, infrasonics and ultrasonics
- » Internet of Things (IoT) in Medicine
- » Metrology for medical measurements and instrumentation calibration
- » Sensors and devices for medical measurements
- » Medical Image Formation and Analysis medical preparations
- » Patient safety
- » Biosignal processing
- » Standards for medical applications
- » Embedded systems
- » Environmental Medicine & Home automation for disability, disease and active aging living
- » Artificial Intelligence for Biosignal Processing and Analysis
- » Wearable solutions for patient monitoring
- » Physiological modeling and monitoring
- » Technology Transfer to Industry

SUBMISSION

Authors are invited to submit an original full paper (4–6 pages) reporting original researches of theoretical or applied nature using the on-line submission system. The submission should explain the significance of the contribution and contain a list of key references. The manuscripts must be written in English according to the guidelines provided on the web site: memea2026.ieee-ims.org.

Conference content will be submitted for inclusion into IEEE Xplore® subject to meeting IEEE Xplore's scope and quality requirements.

Attending people are encouraged to propose Special Sessions on topics of interest, specifying the focus for the session.

SPECIAL SECTION OF IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

A Special Section on MeMeA 2026 will be published in IEEE Transactions on Instrumentation and Measurement (TIM). All papers accepted, registered, and presented in MeMeA are eligible to submit a technically extended version to this Special Section. Each manuscript should meet the scope of the TIM.

