

CALL FOR PAPERS

IMPORTANT DATES

December 13, 2026

Special Session Proposal Deadline

January 24, 2027

Initial Full Paper Submission Deadline

March 14, 2027

Acceptance Notification

March 28, 2027

Revised Submission Deadline

April 4, 2027

Revised Submission Notification

April 11, 2027

Final Paper Submission Deadline

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The 22nd edition of the IEEE International Symposium on Medical Measurements and Applications (MeMeA) will take place in Rome, Italy at Università Campus Bio-Medico di Roma.

MeMeA will be dedicated to state-of-the-art advancements of measurements, bio-sensors, instrumentation, bioengineering, material science and computational methods for physiological monitoring across a broad spectrum of medical applications. Particular emphasis will be placed on signal acquisition, transmission, and processing, as well as on artificial intelligence algorithms addressing emerging challenges in biomedicine.

Over the course three days, MeMeA will provide a unique forum for researchers, scientists, engineers and clinicians to exchange ideas, share perspectives, and foster interdisciplinary collaborations aimed at developing next-generation diagnostic and therapeutic technologies while advancing the healthcare systems worldwide.

In addition to its traditional research areas, the 22nd edition of MeMeA will highlight computational methods for the design, optimization, and validation of new medical measurement systems and technologies. This edition will devote special attention to applications involving the monitoring of physiological and environmental parameters in animals, plants and ecosystems, embracing the broader One Health vision that recognizes the interconnectedness of human, animal, and environmental health.

The technical program will feature regular and special sessions organized around dedicated thematic tracks, together with tutorials, demos, technical visits, and activities designed for student contexts. These initiatives will provide scientific exchange, interdisciplinary networking, and professional development.

SUBMISSION

Authors are invited to submit an original full paper (5-6 pages) 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: memea.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 Track for the session before December 13, 2026.

SPECIAL SECTION OF IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

A Special Section on MeMeA 2027 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.

