



CALL FOR PAPERS

IMPORTANT DATES

5 February 2023

Submission of Full Papers

26 February 2023

Notification to Authors of Accept/Reject Decision

26 March 2023

Submission of Final Manuscript

23 April 2023

Submission of Late Posters

ORGANIZING COMMITTEE

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The 18th edition of IEEE International Symposium on Medical Measurements and Applications will take place in Jeju, South Korea.

The symposium focuses on all aspects of interactions relating to instrumentation and measurement, bio-engineering, material science, chemical and biological measurements, and leveraging Artificial Intelligence and Machine Learning for accelerating solutions in 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 health care systems and diagnostics in medicine.

SYMPOSIUM TOPICS

- » Bioengineering and rehabilitation
- » Biomedical robotic methods
- » Ecological model of measurements in medical applications
- » Hearing, acoustics, infrasonics and ultrasonics
- » Internet of Things (IoT) in Medicine
- » Patient safety
- » Medical and instrumentation uncertainty and calibrations
- » Metrology for medical measurements
- » Sensors and devices for medical measurements
- » Biosignal processing
- » Medical Imaging and communication
- » Measurement and quality control in medical preparations
- » Standards for medical applications
- » Embedded systems
- » Environmental Medicine & Home automation for disability, disease and active aging living
- » Artificial Intelligence & Machine Learning for Biosignal Measurement and Processing

SUBMISSION

Authors are invited to submit an original full paper (5-6 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: memea2023.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 before **November 30, 2022**.

Contact the special session chair, **Inkyu Park**, for special session proposals: inkyu@kaist.ac.kr.

SPECIAL ISSUE OF IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT

A Special Issue on MeMeA 2023 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 Issue. Each manuscript should meet the scope of the TIM.