

Designing the future of health

www.ismict2025.org

28-30 May 2025, Florence, Italy



SCOPE AND TOPICS

ISMICT'25 is not the usual conference. The aim is to bring together worldwide academic research, private companies and end-users to co-design the future of health.

- **Next-Generation Wireless Body Area Networks (WBANs)**
 - Innovations in Wearable and Implantable Devices, Communications and Networks
 - Advanced Antennas and Propagation Techniques
- **Economic, Business, Ethical and Legal Perspectives in Wireless Healthcare**
 - Cost-Effectiveness Analysis of Wireless Healthcare Solutions
 - Business Models and Case Studies in Wireless Healthcare and Welfare
 - Telemedicine: Current Ethical and Legal Challenges
- **Cutting-Edge eHealth and Medical BAN Applications**
 - Integration of Electronic Medical Records with Advanced Data Analytics
 - Innovations in Hospital Data Networks and Wireless Hospital Solutions
- **Global Standards and Regulatory Challenges**
 - International Standards for Medical ICTs
 - Regulatory Matters in Global Healthcare Markets
- **Advanced Medical Imaging and Diagnostic Systems**
 - Innovations in Medical Imaging Technologies
 - AI-Driven Patient Diagnostic Systems
- **Preventive Care and Patient Management through ICTs**
 - Advanced Communication Coexistence and Robustness in Medical ICTs
 - Security and Privacy Enhancements in Medical ICTs
- **Telemedicine and Remote Healthcare Innovations**
 - Advances in Telemonitoring, Telesurgery, and Telepathology
 - Emerging Trends in Wellness, Sports Training, Rehabilitation, and Activity Monitoring
- **Artificial Intelligence and Machine Learning in Healthcare**
 - AI and ML Applications in Medical ICTs (e.g. AI accuracy in medical decision making; AI-driven cancer diagnostics; AI-based solutions using digital histopathology images)
 - Predictive Analytics and Personalized Medicine
 - Integration of computational pathology and radiomics for novel prediction models
- **Blockchain and Emerging Technologies for Medical Data**
 - Blockchain Technology for Secure Medical Data Management
- **Molecular Communications and Internet of Bio-Nano Things**
- **Immersive Technologies in Healthcare**
 - Virtual and Augmented Reality Applications in Medical Training and Patient Care
- **Medical Innovations and Clinical Applications**
 - Advanced Medical Devices and Technologies
 - Clinical Trials and Research in Medical ICTs

ORGANIZATION

General Chairs

Prof. Lorenzo Mucchi, University of Florence, Italy
Prof. Matti Hämäläinen, University of Oulu, Finland
Prof. Daniela Massi, University of Florence, Italy

TPC Chairs

<https://www.ismict2025.org/committees.html#TPC>

International Steering Committee

Prof. Ryuji Kohno, Yokohama National University, Japan
Prof. Jari Linatti, Univ. of Oulu, Finland
Prof. Matti Hämäläinen, Univ. of Oulu, Finland

PAPER SUBMISSION

Authors are invited to submit full papers at www.ismict2025.org in accordance with the following schedule:

Jan. 30, 2025	Paper submission deadline
Feb. 28, 2025	Paper acceptance notice
March 15, 2025	Final paper due

NETWORK & EXHIBIT

Companies and end-user associations are invited to propose an exhibition and a talk at the conference.

Good ideas deserve to be produced and to be used.

KEYNOTES & INVITED SPEAKERS

Prof. Andrea Sciarrone, Univ. of Genova, Italy (Chair of ETSI eHealth TC)
Prof. Annamaria Bianchi, Politecnico di Milano, Italy (Chair of IEEE Italy EMB Chapter)

One keynote from MED area (by Florence University Hospital)
Other invited speakers from Tech and Med areas

Please check frequently ISMICT 2025 website (www.ismict2025.org) for news about keynotes, registration, program, venue, etc.

Accepted paper will be published in **IEEE Xplore**