

# The 17<sup>th</sup> IEEE International Symposium on Medical Information and Communication Technology

May 10 - 12, 2023, Lincoln, NE, USA

[go.unl.edu/ismict2023](http://go.unl.edu/ismict2023)



UNIVERSITY of NEBRASKA  
LINCOLN



## CALL FOR PAPERS

### SCOPE

Internet of Medical Things (IoMT), healthcare cybersecurity, biomedical informatics, and molecular communication and computing for medicine are the focus of the 17th International Symposium on Medical Information and Communication Technology (ISMICT) to be held in Lincoln, Nebraska, USA, on May 10-12, 2023. The theme is **ICT in Precision Medicine: Paving the Cyberspace in Diagnostics, Therapeutics, and Drug Development**. Papers are invited on topics including, but not limited to, the following:

- AI/Data Biomedical Analytics
- Bioinformatics and Systems Biology for Medicine, Healthcare and Welfare
- Bio/Molecular Communication and Computing for Medicine
- Body Area Network (BAN) Technologies
- Communications Systems for Medical Applications
- Cybersecurity in Healthcare
- Information Theory and Processing for Biomedicine
- Internet of Medical Things and Bio-Nano Things
- Medical Device Regulatory Science
- Nanocommunications and Nanonetworking for Nanomedicine
- Privacy and Security Issues
- Wearable and Implantable Devices
- Wellness and Sports Training
- Pervasive Health Care and Patient Monitoring
- medical/molecular imaging, PET, CT, MRI
- brain machine/computer interface
- robotics for surgery operation and rehabilitation
- sleep analysis
- data science for medical big data

### ORGANIZATION

#### General Co-Chairs

Juan Cui (*University of Nebraska-Lincoln, USA*)

Lorenzo Mucchi (*University of Florence, Italy*)

Massimiliano Pierobon (*University of Nebraska-Lincoln, USA*)

#### General Vice Chair

Sasitharan Balasubramaniam (*University of Nebraska-Lincoln, USA*)

Stefano Caputo (*University of Florence, Italy*)

#### TPC Chairs

TBD

#### International Steering Committee

Ryuji Kohno (*Yokohama National University, Japan*)

Jari Linatti (*University of Oulu, Finland*)

Matti Hämäläinen (*University of Oulu, Finland*)

### PAPER SUBMISSION

Authors are invited to submit full papers at

<https://edas.info/N20020>

According to the following schedule:

<b>January 31, 2023</b>	Paper submission deadline
March 15, 2023	Paper acceptance notice
April 15, 2023	Final paper due

### NETWORK & EXHIBIT

ISMICT 2023 will bring together top researchers from South and North America, Asia & Pacific areas, Africa and Europe to exchange research results and address open issues in all aspects of Medical ICT.

Please check frequently ISMICT 2023 website ([go.unl.edu/ismict2023](http://go.unl.edu/ismict2023)) for news about keynotes and invited speakers.

**Submit your paper through EDAS**

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