

CONFERENCE WEBSITE: <https://www.icts4ehealth.icar.cnr.it/index.html>

| About the Conference

5th Edition of IEEE International Conference on ICT Solutions for e-Health

ICTS4eHealth 2025

Bologna, Italy - July 2-5, 2025

<https://icts4ehealth.icar.cnr.it>

In conjunction with the 30th IEEE Symposium on Computers and Communications

All paper submissions must be done through EDAS by using the link <https://edas.info/newPaper.php?c=33136>

MISSION:

E-Health is one of the major research topics that have been attracting cross-disciplinary research groups. The deployment of new emerging ICT technologies for Health, especially based on Cloud computing, Internet of Things (IoT), and Computational Intelligence, is attracting the interest of many researchers. Following the success

📅 Important Dates



CONFERENCE DATE
July 2-5, 2025

of five workshop editions and two years as an International IEEE Conference, we are now proud to announce the third edition of this popular event dedicated to ICT solutions for e-Health. The conference will bring together researchers from academia, industry, government, and medical centers in order to present state of the art in the emerging area of the use of cloud systems in connected health infrastructure and applications, and the use of IoT and Computational Intelligence techniques in the area of e-Health.

TOPICS:

Conference topics include (but are not limited to):

- Artificial Intelligence for eHealth
- Cloud computing applications for eHealth
- Internet of Things (IoT) applications for eHealth
- Assistive Technology (AT).
- Informatization, Management and Organization of BME Environments
- Bioinformatics and Computational Biology and Medicine
- Communication, Networking and Monitoring in Bio-systems
- Monitoring of Vital Functions with Sensor and ICT Systems
- Biosensors and Sensor Networks
- Advanced Bio-signal Processing
- Distributed BME Applications
- Telehealth, Telecare, Telemonitoring, Telediagnosics
- e-Healthcare, m-Healthcare, x-Health
- Assisted Living
- Smartphones in BME Applications
- Social Networking, Computing and Education for Health
- Computer Aided Diagnostics
- Improved Therapeutic and Rehabilitation Methods
- Intelligent Bio-signal Interpretation
- Data and Visual Mining for Diagnostics
- Advanced Medical Visualization Techniques

- Personalized Medical Devices and Approaches
- Modelling and Computer Simulations in BME
- Human Responses in Extreme Environments
- Other Emerging Topics in BME
- E-Accessibility
- Web accessibility
- Hardware & Software personalized assistive technologies
- Assistive systems for users who are blind or visually impaired
- Cloud computing and AT
- Integration between home-based assistive technologies and patient health data
- User-centered design of electronic assistive technologies
- Usability of assistive technologies
- Computer vision in AT
- User interfaces for home-based assistive technologies
- Use of prescription systems and assistive technologies
- Experience from real world assistive environment deployment
- Assistive Technologies for Urban Environments
- Healthcare modeling and simulation
- Knowledge discovery and decision support
- Biomedical data processing
- Wearable devices
- Sensor-based mHealth applications
- Security and Privacy in eHealth

IMPORTANT DATES:

- Submission deadline: JANUARY 31, 2025
- Notification of paper acceptance: MARCH 21, 2025
- Submission of camera-ready papers: APRIL 15, 2025
- Registration: APRIL 15, 2025

PAPER SUBMISSION:

Manuscripts should describe original work and should be no more than 7 pages in the IEEE double-column proceedings format, including tables, figures and references. Download manuscript templates for IEEE conference proceedings from:
<https://www.ieee.org/conferences/publishing/templates.html>

Note that accepted papers up to 6 pages will be published with no additional charge. Exceeding pages will be charged an additional fee. Papers exceeding 7 pages will not be accepted.

At least one author of each accepted paper is required to register to the conference and present the paper. Only registered and presented papers will be published in the conference proceedings.

In IEEE ICTS4eHealth 2025, as well as in IEEE ISCC 2025, all submissions must be done through EDAS by using the link must be done through EDAS by using the link
<https://edas.info/newPaper.php?c=33136>

Accepted papers will be included in the proceedings of ISCC 2025, of which the ICTS4eHealth conference is a co-located event, and will be submitted for inclusion to IEEE Xplore. The ICTSeHealth and ISCC proceedings have been indexed in the past by ISI, DBLP and Scopus. This makes the ISCC conference one of the publication venues with very high visibility and impact in both the Computer and Communications areas.

BEST PAPER AWARD:

A "Best Paper Award" Certificate will be conferred on the author(s) of a paper presented at the conference, selected by the Chairs based on scientific significance,

originality and outstanding technical quality of the paper, as assessed also by the evaluations of the members of the Program Committee.

SPECIAL ISSUES:

Authors of selected papers may be invited to submit extended versions of their papers for publication as full journal papers in special issues organized in prestigious indexed journals.

STEERING COMMITTEE:

- Antonio Celesti, University of Messina, Italy;
- Ivano De Falco, ICAR-CNR, Italy;
- Giovanna Sannino, ICAR-CNR, Italy;
- Massimo Villari, University of Messina, Italy.

ORGANIZATION:

General chair:

- Giovanna Sannino, ICAR-CNR, Italy

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- Ilaria Basile, ICAR-CNR, Italy
- Giovanni Lonia, University of Pisa, Italy

Please visit <https://icts4ehealth.icar.cnr.it> for more information, and, if you have any questions, kindly get back to us by sending an email to ICTS4eHealth@icar.cnr.it

Kind regards,
IEEE ICTS4eHealth Organization

TOPICS OF INTEREST

4 topics

Research papers are invited in, but not limited to, the following areas:

Computer Science & Software Engineering

Networking & Cloud Computing

Internet of Things & Embedded Systems

Artificial Intelligence & Machine Learning

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