

Call for Papers

eHealth Symposium

The 21st International Conference on Wireless Communications and Mobile Computing

Website: <http://iwcmc.org/2025/>

Submission Link: <https://edas.info/newPaper.php?c=32919>

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Honorary Chair:

Dr. Joel J. P. C. Rodrigues, Senac Faculty of Ceará, Fortaleza-CE, Brazil; Instituto de Telecomunicações, Portugal, joeljr [at] ieee.org

Chairs:

Augusto Venâncio Neto, Federal University of Rio Grande do Norte, Brazil, augusto [at] dimap.ufrn.br
Aquiles Burlamaqui, Federal University of Rio Grande do Norte, Brazil, aquiles.burlamaqui [at] ufrn.br
Marcelo Fernandes, Federal University of Rio Grande do Norte, Brazil, mfernandes [at] dca.ufrn.br

Scope

In recent years, e-Health solutions have witnessed rapid growth and development, achieving significant progress in enhancing healthcare delivery. However, numerous challenges remain to be addressed to establish smart, reliable, scalable, sustainable, and secure e-Health solutions. With the popularization of Artificial Intelligence and Machine Learning techniques, along with the widespread deployment of advanced networking, the **IWCMC 2025 e-Health Symposium** serves as a premier forum for researchers, scientists, engineers, academicians, and industry professionals to engage in discussions on the latest advancements in e-Health and medical communications. This symposium is dedicated to exploring efficient, cost-effective, and secure applications of cutting-edge information and communication technologies (ICT) that support health and related fields, including healthcare services, surveillance, education, knowledge dissemination, and research. The symposium aims to tackle these challenges by fostering collaboration and innovation among participants.

We invite relevant contributions that focus on the theoretical and practical aspects of e-Health, encompassing the wide range of topics that stand behind to deliver innovative verticals and use cases, shape the future and contribute to the ongoing evolution of healthcare technologies. Join us at the IWCMC 2025 e-Health Symposium to share your insights, present your research, and collaborate with leading experts in the field.

Topics

Accepted papers will be published in the IEEE IWCMC 2025 proceedings and will be submitted to the IEEE digital library (IEEE Xplore). Authors are welcome to submit original papers (not published before and/or simultaneously to another venue) with topics that include but are not limited to:

- Health informatics
- Mobile eHealth
- Health data privacy and security
- Artificial intelligence and machine learning for eHealth

- IoT-supported eHealth
- eHealth-tailored 5G/6G Networking
- Cloud/Edge computing for eHealth
- Signal processing methods for eHealth
- eHealth big data
- Blockchain for eHealth
- Digital Twin for eHealth
- Spatial Computing for eHealth (AR/VR/VX)
- Human-machine interaction and interfaces
- Cyber-physical systems
- Machine-type communications for eHealth applications
- Electronic health records
- Telemedicine and mobile telemedicine
- Biomedical and biosensors engineering
- Bioinformatics and bioengineering
- Sensing of vital signs and signatures
- Wearable medical wireless sensors
- Molecular sensor communications
- In-Body medical sensors communications
- Health information systems and interoperability
- Health and wellness measurement, monitoring and intervention
- Autonomic diagnosis and situation awareness (Fall, Activity, etc.)
- Context awareness and autonomous computing for AAL (Ambient Assisted Living)
- Testbeds of e-Health
- Social aspects of e-Health
- Usability and acceptability in e-Health
- Security, trust and privacy in e-Health
- Sensor networks for e-Health
- Software architectures for e-Health
- Energy saving for long time monitoring
- Emerging e-Health applications

Submitted papers are encouraged to address novel technical challenges or industrial and standard aspects of the key technologies related to the conference theme(s).

Important Dates

Deadlines follow the main conference announced dates.

Note: Within this Symposium, there will be one Best Paper Award.