

2025 IEEE AIxMHC

2025 IEEE International Conference on AIxMedicine, Health, and Care

March 3rd-5th, 2025 | Taichung, Taiwan



CALL FOR PAPERS

According to WHO: "Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity." With the recent advances of AI, including ChatGPT, we think it is the right time to address the broader impacts of AI on not only medicine but also mental health and social well-being in general, and vice versa. IEEE International Conference on Artificial Intelligence x Medicine, Health, and Care (AIxMHC), is an international forum for academia and industries to exchange visions and ideas in the state of the art and practice, as well as to identify the emerging topics and define the future of how AI can assist medicine, health and care.

TOPICS OF INTEREST include, but are not limited to:

- Agent technology
- AI assisted living
- AI for well-being
- Analytics of medical and health related big data
- Bioinformatics and computational biology
- Computational behavior science
- Computational chemistry and drug design
- Computational food science
- Computational medicine
- Computational neuroscience
- Computer vision and natural language understanding
- Cyber security & privacy
- Generalist medical AI (GMAI)
- Generative AI (GAI) and its applications
- Generative AI and Transformer based technology
- Humanized assistant
- Intelligent healthcare
- Knowledge and data engineering
- Long-term care system/ senior care
- Multi-modal human-computer interaction
- Platform and scalability
- Precision healthcare/ medicine/ nutrition
- Quantum computing
- Robotic intelligence
- Semantic computing

KEYNOTE SPEAKERS

Alireza Haghighi, Harvard Medical School, USA

Manolis Kellis, MIT, USA

Yang C. Fann, National Institutes of Health (NIH), USA

Soumya Raychaudhuri, Harvard Medical School, USA

Edward Y. Chang, Stanford University, USA

Mark Liao, Academia Sinica, Taiwan

SUBMISSION

Authors are invited to submit an 8-page (regular), 4-page (short), and 2-page (poster and demo) manuscript in double-column IEEE format. **The award committee will select Best Paper/Poster Award(s).** (submission link: <https://easychair.org/conferences/?conf=aixmhc2025>)

IMPORTANT DATES

Submission Due Date **Oct. 15, 2024**
Notification Due Date **Dec. 15, 2024**
Final Version Due Date **Jan. 15, 2025**

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