AIxMHC 2025
Second IEEE International Conference on AI x Medicine, 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
- 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

GENERAL CO-CHAIRS (Arranged in alphabetical order by last name)

Edward Y. Chang, Stanford University, USA

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

Jason Yi-Bing Lin, National Yang Ming Chiao Tung University, Taiwan

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Jeffrey J.P. Tsai, Asia University, 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. Manuscripts must be written in English and follow the instructions in the Manuscript Formatting and Templates page. (submission link: https://easychair.org/account2/signin?l=7379610231772319852)

IMPORTANT DATES

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

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