

The Third IEEE International Conference on Medical Artificial Intelligence (IEEE MedAI 2025)

November 19-21, Wuhan, China
<http://medai2025.hust.edu.cn/>



Call for Papers

Honorary General Chairs

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 Huaimin Wang, China.
 Qimin Zhan, China.

Craig Anderson, Australia.

General Chairs

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Lin Liu, China.

Weiru Liu, United Kingdom.

Ruqian Lu, China.

Wenji Mao, China.

Hong Mei, China.

Meikang Qiu, United States.

Hongbin Shen, China.

Joerg Siekmann, Germany.

Statesku Tsumoto, Japan.

Guoyin Wang, China.

Xiangdong Wang, China.

Zhiping Weng, China.

Dong Xu, United States.

Ying Xu, China.

Bo Yang, China.

Shihua Zhang, China.

Songmao Zhang, China.

Zili Zhang, Sou, China.

Zhenmin Zhao, China.

Mingyue Zheng, China.

Wenping Zheng, China.

Aoying Zhou, China.

Shuigeng Zhou, China.

Tongyu Zhu, China.

Yueting Zhuang, China.

Medical Artificial Intelligence (MedAI) is an advanced, interdisciplinary field that merges artificial intelligence (AI) with medical science. Following the success of the inaugural and second IEEE International Conferences on Medical Artificial Intelligence (MedAI) held in Beijing and Chongqing, respectively, the third edition of MedAI 2025 will be hosted by the Huazhong University of Science and Technology and held in Wuhan from November 19 to 21, 2025.

This prestigious event is expected to gather leading experts, researchers, and professionals in the field to exchange knowledge, present cutting-edge advancements, and foster collaborations in the realm of MedAI. Specifically, the aim of this conference is two-fold: (1) to showcase successful applications of AI techniques in solving challenging biomedical problems, and (2) to foster more extensive and deeper interactions and collaborations between medical researchers and practitioners with challenging medical issues and AI researchers who are eager to identify complex real-life problems for their techniques or to start developing novel algorithms to solve challenging medical issues. Such issues may range from molecular-level challenges, such as diagnostic issues, information extraction, analyses, and modeling from massive medical data, to mining electronic medical records, knowledge-based treatment plan recommendation, and further to robotics to conduct complex surgeries.

This conference invites two categories of submissions: **regular papers** and **short contributions** (including posters and abstracts). Short contributions may encompass previously published research findings and are limited to two pages. **Authors of all accepted manuscripts for oral presentations (including regular papers, posters, and abstracts) will be eligible for a discount on conference registration fees and will have the opportunity for their work to be recommended for review and potential publication in prestigious SCI/EI-indexed journals, as well as other leading academic publications.** All accepted manuscripts, provided there are no conflicts regarding prior publication, will be submitted to IEEE for indexing in EI. Authors of short contributions are expected to present their work at the conference; however, they may, depending on the circumstances, opt not to formally publish their submission. Contributions previously published in top-tier journals and conferences are especially encouraged to be submitted as posters or other short contributions for presentation at this conference. High-quality contributions presented at the conference will be recognized with awards.

The recommended journals for the conference include:

- **Engineering** (A flagship journal of the Chinese Academy of Engineering (CAE))
- **Health Data Science** (a Science Partner Journal)
- **Frontiers of Computer Science** (a top-tier journal covering cutting-edge computing research)
- **Computer Animation and Virtual Worlds** (Top-tier computer graphics journal)
- **The Journal of Supercomputing** (A leading journal in HPC)
- **Portal Hypertension & /Cirrhosis** (A leading journal in liver disease research)
- **The International Journal of High Performance Computing Applications** (A top-tier journal in HPC)
- **Computer Engineering & Science** (A leading journal covering cutting-edge advances in computer engineering and computational science)
- **Computer Science** (The T2 level journal, and 2024' the Highest Internationally Impact Academic Journal of China)
- **Journal of Shanghai Jiao Tong University (Science)** (a famous journal publishing medicine-engineering interdisciplinary research)

Once a sufficient volume of submissions is reached, the journal will dedicate a special edition to showcase these contributions.

Submission link:

<https://easychair.org/conferences/?conf=ieeemedai2025>

Conference Website: <http://medai2025.hust.edu.cn/>

Areas in Medicine & Healthcare Benefitted from AI (MH)

MH Area 1: Infrastructure of Medicine

MH Area 2: Telemedicine

MH Area 3: Digital and precise medicine

MH Area 4: Automated medicine

MH Area 5: Precise medicine and biomedical informatics

MH Area 6: Computational systems biology

Areas in AI for Medicine and Healthcare (AI)

AI Area 1: Infrastructure and Knowledge based AI

AI Area 2: Bionic AI

AI Area 3: Collective AI

AI Area 4: Automated AI

AI Area 5: Generative AI

AI Area 6: Trustworthy AI

Important Dates:

- Regular paper submission deadline: ~~May 31, 2025~~ July 1, 2025
- Short contribution submission deadline: ~~June 30, 2025~~ July 30, 2025
- Notification of acceptance: ~~Aug.12, 2025~~ Sep. 1, 2025
- Camera-ready paper submission: ~~Sep.9, 2025~~ Sep.30, 2025
- Authors registration: ~~Sep.9, 2025~~ Oct.9, 2025
- Conference: November 19–21, 2025

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