

# The Second IEEE International Conference on Medical Artificial Intelligence (MedAI)

November 15-17, Chongqing, China

<http://www.bigdatacq.cn/2024MedAI.html>



## Call for Papers

### Honorary General Chairs

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Joerg Siekmann, German.  
Ruqian Lu, China.  
Huaimin Wang, China.  
Xindong Wu, China.

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Tatsuya Akutsu, Japan.  
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### Program Committee Chairs

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Dong Xu, United States.  
Statesku Tsumoto, Japan.  
Qin Ma, United States.

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### Publicity Chairs

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Shuigeng Zhou, China.  
Cungen Cao, China.  
Ahmed Abdeen Hamed, Poland.

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### Finance Chair

Ying Xia, China.

### Web Chair

Ye Wang, China.

### Steering Committee Chairs

Hong Mei, China.  
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Xiaolong Jin, CAS, China.  
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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 is a highly specialized interdisciplinary research field that lies at the intersection of artificial intelligence (AI) and medicine. Building upon the success of the inaugural The First IEEE International Conference on Medical Artificial Intelligence (MedAI) held in Beijing last year, The Second MedAI is scheduled in Chongqing from November 15th to 17th, 2024.

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.

We invite original contributions on innovative AI theories and methodologies for medicine, AI-inspired biomedical technologies, and complex biomedical issues that can benefit from AI techniques or may pose new challenges to AI. The interested topics include any crossing between a medicine & healthcare area and an AI area below, but are not limited to the table of related areas.

### 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

Submission link:

<https://easychair.org/conferences/?conf=ieeemedai2024>

Conference Website:

<http://www.bigdatacq.cn/2024MedAI.html>

All accepted papers will then be submitted to IEEE for indexing by EI. Authors of selected outstanding papers will be invited to submit their extended technical papers to several SCI journals for a possible publication after ordinary review process, such as Journal of Computer Science and Technology (JCST, pending), Journal of Translational Internal Medicine (JTIM, pending), etc.

Important Dates:

- Full paper submission deadline: May.31, 2024
- Notification of acceptance: Aug.12, 2024
- Camera-ready paper submission: Sep.9, 2024
- Authors registration: Sep.9, 2024
- Conference: November 15–17, 2024

Contact Information

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