IEEE MedAI: The First IEEE International Conference on Medical Artificial Intelligence

November 18-19, 2023, Beijing, China
http://www.cloud-conf.net/medai/2023

Call for Papers

We are pleased to announce the launch of a new international conference series, Medical Artificial Intelligence or MedAI, dedicated to the interdisciplinary research field at the intersection of artificial intelligence (AI) and medicine. 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.

Topics of Interest

Areas in Medicine & Healthcare benefited from AI
Area 1: Infrastructure of Medicine
Area 2: Telemedicine
Area 3: Digital and precise medicine
Area 4: Automated medicine
Area 5: Precise medicine and biomedical informatics
Area 6: Computational systems biology

Areas in AI for Medicine and Healthcare
Area 1: Infrastructure and Knowledge based AI
Area 2: Bionic AI
Area 3: Collective AI
Area 4: Automated AI
Area 5: Generative AI
Area 6: Trustworthy AI

Paper Submission

Prospective authors are invited to submit papers of no more than 12 pages in IEEE conference format. Papers must be in the PDF form and written in English. Each paper will be reviewed by three members of the Program Committee. Accepted papers will be published online on a website. The best papers and best student papers will be awarded.

A number of journals will team up with MedAI to publish extended versions of the top accepted conference papers in a special issue, including Journal of Computer Science and Technology (JCST) and Journal of Translational Internal Medicine.

Call for Paper **Mar. 15, 2023**	
Deadline of Submission **July 15, 2023**	
Review back **Sep. 1, 2023**	
Camera-ready due **Sep. 30, 2023**	

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