The Iranian Academy of Medical Sciences
(The Digital Health Working Group)
Symposium (International participants may attend online)

Opportunities and Challenges of Artificial Intelligence in Digital Health

January 31st – February 1st, 2024
Prof. Rabiee Auditorium
Sharif University of Technology
Tehran, Iran

Talks:
. Governance framework of AI in health
. Opportunities and challenges of cooperation between engineers and physicians in AI
. Trustworthy AI and digital health
. Explainable AI and digital health
. Challenges of data storage, processing and usage in digital health
. Computational and infrastructural challenges of AI in digital health
. Challenges of quantitative and qualitative limitations of data in digital smart health
. The challenge of privacy and data security in digital health
. Opportunities and challenges of using virtual reality and augmented reality in digital health
. Opportunities and challenges of using large language models (LLMs) in digital health
. Opportunities and challenges of precision and personalized medicine in smart digital health
. Opportunities and challenges of AI in drug design

Debate Sessions:
. Challenges of collaboration in AI projects
. Is black-box AI acceptable for medical diagnosis?
. Computational challenges of utilizing AI in medical applications
. Challenges in health data
. Generative AI and health applications

Roundtable:
. The future of AI in medicine

Workshops:
. Tutorial on LLMs for digital health
. Basic Skills for Generative AI in Medicine
. Tutorial on AI tools for digital health
In collaboration with:
AICT Research Institute &
Data Science and Artificial Intelligence Innovation Center
of Sharif University of Technology

ams2024.events.sharif.edu