ITS 2024
Thessaloniki
GREECE
10-13 JUNE

20TH INTERNATIONAL CONFERENCE ON
Intelligent Tutoring Systems
"GENERATIVE INTELLIGENCE and ITS"

TRACKS AND TOPICS OF INTEREST

T2: Generative Intelligence and Healthcare Informatics

The goal of this track is to show the progress of AI tools for increasing the propagation of healthcare techniques and their efficiency. Informatics provide means to improve the prediction, analysis, treatment of disease and a control for the patients over their own care.

AI and telemedicine

Medical Image processing

Virtual systems for healthcare

Learning Analytics in Medicine

Progress of AI for nonpharmacological Alzheimer's treatments

Predictive modeling of healthcare

Intelligent Tutoring Systems in Medicine

Machine learning and deep learning in healthcare

AI in medical education

AI in public health

Home management of healthcare

Neurofeedback techniques

Games for healthcare

Virtual reality (VR)

Generative reality (AR)

• Healthcare• Machine and deep learning,
• VR/ AR and AI for medical applications.• Ambient assisted living (AAL),
• VR/AR for e-learning applications.• Biomedical signals,
• Human-computer interaction.• Medical image processing,
• Ambient intelligence (AI) applications• Cognitive assistants,
including; e-learning, e-healthcare, smart• m-Health,
cities, and assisting medical diagnosis,• Mobility and behavioral analysis, and
• Artificial intelligence• Physiological signal monitoring and
analysis