ITS
2025

ALEXANDROUPOLIS
GREECE
2-6 JUNE

21th INTERNATIONAL CONFERENCE ON
Intelligent Tutoring Systems
"GENERATIVE SYSTEMS"

TRACKS AND TOPICS OF INTEREST

T2: Generative Systems in 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)

Robotics for Healthcare and Rehabilitation

• 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