

**ITS
2024**

Thessaloniki
GREECE
10-13 JUNE



20TH INTERNATIONAL CONFERENCE ON Intelligent Tutoring Systems

“GENERATIVE INTELLIGENCE and ITS”



TRACKS AND TOPICS OF INTEREST

T8 : Generative Intelligence for Autonomous Robots and Learning

Generative intelligence with robots includes a variety of new criteria that provide more human characteristics to robots. Such elements concern emotions, mood, and facial expressions which give a more realistic interaction with humans. They transform robots into useful human-like companions. Topics include, but are not limited to:

Emotional robots

Voice recognition

Intelligent agents

Autonomous robots

Planning and Goal reasoning

Entertainments robotics

Intelligent systems and robotics

Applications of autonomous intelligent robots

Sensors and vision systems for robots

Generative exploration in hazardous situations

Extraction of environment maps

Robots in medicine

Teaching robots