ITS 2025

ALEXANDROUPOLIS

GREECE

2-6 JUNE

21th INTERNATIONAL CONFERENCE ON

Intelligent Tutoring Systems

"GENERATIVE SYSTEMS"

TRACKS AND TOPICS OF INTEREST

T8: Generative Systems and Cognitive Robots

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

Cognitive 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

LLMs for Motion Planning

LLMs for Path Planing and Navigation

Generative Systems for SLAM and Path Planning

Social Robotics

Social Navigation

Human Robot Interaction

Robotics for Healthcare and Rehabilitation