

THURSDAY, NOVEMBER 9, 2023 – DAY 1

Time	Event	Location
10:00-10:20	Registration	Pavía Building
10:20-10:30	Conference Opening	Auditorium Pavía Building
10:30-10:50	Visual Autonomous Driving with Reinforcement Learning control	Auditorium Pavía Building
10:50-11:10	Convergence analysis of Federated Learning in Reinforcement learning and supervised scenarios	Auditorium Pavía Building
11:10-11:30	Genetic Algorithms for Self-Driving Drones	Auditorium Pavía Building
11:30-12:00	Coffe Break	Pavía Building
12:00-12:20	People detection and tracking using deep learning based approaches	Auditorium Pavía Building
12:20-12:40	HyperGaze: Gaze Tracking with a Color Camera	Auditorium Pavía Building
12:40-13:00	MOCAP4ROS2: An Open Source Framework for Motion Capture Systems in Robotics	Auditorium Pavía Building
13:00-13:20	Enhancing Poultry Management Practices: Automated Chicken Counting and Flock Monitoring using YOLO	Auditorium Pavía Building
13:20-14:40	Lunch	Pavía Building
14:40-15:00	Integration of Cognitive Tablet Games for Rehabilitation with Socially Assistive Robotics	Auditorium Pavía Building
15:00-15:20	Functional design of socially assistive robots working in a retirement home	Auditorium Pavía Building
15:20-15:40	Shadow, an accompanying tool robot	Auditorium Pavía Building
15:40-16:00	Robotics and Affective Computing: A Review	Auditorium Pavía Building
16:30-18:30	Aranjuez Palace Guided Tour	Aranjuez Palace Main Entrance. Plaza de Parejas
19:00-19:40	REDAF Annual Meeting	Pavía Building - P128
21:00:00	Conference Dinner	Casa José Restaurant. C. de Abastos, 32

FRIDAY, NOVEMBER 10, 2023 – DAY 2

Time	Event	Location
9:30-9:50	Cooperative Contract-Net Protocol-Based Multi- Robot Task Assignment	Auditorium Pavía Building
9:50-10:10	VAULT: A Mobile Mapping System for ROS 2- based Autonomous Robots	Auditorium Pavía Building
10:10-10:30	INSIGHT: The quest for causal explanations	Auditorium Pavía Building
10:30-10:50	The Galton Machine and the Quest for a Robotics Simulator	Auditorium Pavía Building
11:00-11:30	Coffe Break	Pavía Building
11:30-11:50	Building a connected autonomous vehicle: design, construction and control	Auditorium Pavía Building
12:10-13:00	Quick presentation of your research	Pavía Building - P122
13:20-14:50	Lunch	Pavía Building

LEGEND:	Machine Learning
	Vision
	Social Robotics
	Intelligent Robotics I
	Intelligent Robotics II
Social Program	