

Seasonal School: **ARTIFICIAL INTELLIGENCE AND ROBOTICS IN EXTENDED REALITY (AIRONE)**  
 Anno accademico: 2023/2024  
 Periodo: 10 giugno - 14 giugno 2024

	Start	End	Title	Teacher	Room	
<b>June 10th, Monday</b> [Introduction and basic principles of "extended" reality technologies (Virtual Reality, Augmented Reality and Mixed Reality)]	09:00	10:00	Introduction to the Seasonal School	TBC	Room 6	
	10:00	11:00	Introduction to the Seasonal School	TBC	Room 6	
	11:00	12:00	Fundamentals of 3D Graphics	TBC	Room 6	
	12:00	13:00	Fundamentals of 3D Graphics	TBC	Room 6	
	Lunch break					
	14:30	15:30	Virtual Reality and Augmented Reality	TBC	Room 6	
	15:30	16:30	Virtual Reality and Augmented Reality	TBC	Room 6	
	16:30	17:30	Virtual Reality and Augmented Reality	TBC	Room 6	
	17:30	18:30	Virtual Reality and Augmented Reality	TBC	Room 6	

	Start	End	Title	Teacher	Room	
<b>June 11th, Tuesday</b> [Human-Robot Interaction, Telepresence, Teleoperation]	09:00	10:00	Fundamentals of Robotics	TBC	Room 6	
	10:00	11:00	Fundamentals of Robotics	TBC	Room 6	
	11:00	12:00	Fundamentals of Telerobotics	TBC	Room 6	
	12:00	13:00	Fundamentals of Telerobotics	TBC	Room 6	
	Lunch break					
	14:30	15:30	Wearable and Collaborative Robotics	TBC	Room 6	
	15:30	16:30	Wearable and Collaborative Robotics	TBC	Room 6	
	16:30	17:30	Physical Human-Robot Interaction and Multimodal Interfaces	TBC	Room 6	
	17:30	18:30	Physical Human-Robot Interaction and Multimodal Interfaces	TBC	Room 6	

	Start	End	Title	Teacher	Room	
<b>June 12th, Wednesday</b> [Applications and visit of IIM@La Fontina]	09:00	10:00	Lab of Biomechanics and Human Behavioural Analysis	TBC	Room 6	
	10:00	11:00	Lab of Biomechanics and Human Behavioural Analysis	TBC	Room 6	
	11:00	12:00	Artificial Vision and Control Elements for Automation	TBC	Room 6	
	12:00	13:00	Artificial Vision and Control Elements for Automation	TBC	Room 6	
	Lunch break					
	14:30	15:30	Applications: Health	TBC	Room 6	
	15:30	16:30	Applications: Transportation	TBC	Room 6	
	16:30	17:30	Applications: Aerospace	TBC	Room 6	
	17:30	18:30	Applications: Aerospace	TBC	Room 6	

	Start	End	Title	Teacher	Room	
<b>June 13th, Thursday</b> [Vision, Machine Learning and Artificial Intelligence; Vision and AI laboratory at IIM@CNR]	09:00	10:00	Artificial Vision and Control Elements for Automation	TBC	@TeCIP	
	10:00	11:00	Artificial Vision and Control Elements for Automation	TBC	@TeCIP	
	11:00	12:00	Applications: autonomous drones for agriculture and civil applications	TBC	@TeCIP	
	12:00	13:00	Applications: autonomous drones for agriculture and civil applications	TBC	@TeCIP	
	Lunch break					
	14:30	15:30	Artificial Intelligence for Automation and Control	TBC	@TeCIP	
	15:30	16:30	Artificial Intelligence for Automation and Control	TBC	@TeCIP	
	16:30	17:30	Applications: Intelligent Robotic Manipulation	TBC	@TeCIP	
	17:30	18:30	Applications: Intelligent Robotic Manipulation	TBC	@TeCIP	

	Start	End	Title	Teacher	Room	
<b>June 14th, Friday</b> [Applications. Laboratory of teleoperation]	09:00	10:00	Wearable Robotics and Tactile Perception	TBC	Room 6	
	10:00	11:00	Wearable Robotics and Tactile Perception	TBC	Room 6	
	11:00	12:00	Laboratory of Tactile Perception	TBC	Room 6	
	12:00	13:00	Laboratory of wearable robotics (part 1)	TBC	Room 6	
	Lunch break					
	14:30	15:30	Laboratory of wearable robotics (part 2)	TBC	Room 6	
	15:30	16:30	Laboratory of teleoperation	TBC	Room 6	
	16:30	17:30	Laboratory of teleoperation	TBC	Room 6	
	17:30	18:30	Applications	TBC	Room 6	

<b>Prova di verifica per acquisizione crediti:</b>	Colloquio a distanza organizzato nelle due settimane successive al termine del corso.
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