Day 1

08/06/2026

MORNING PLENARY SESSION
ROOM CB30A

"Exploiting sustainable printed electrochemical biosensors to boost wearable applications"
Stefano Cinti, University of Naples Federico II
9:00-10:00

"Biomechanical analysis through wearable sensors for neuromuscular research"
Eduardo Palermo, Sapienza University of Rome
10:00-11:00

Coffee break
11:00-11:30

"Soft wearable robotic suits to augment human locomotion for wellness and rehabilitation"
Enrica Tricomi, Technische Universität München
11:30-12:30

"Conformable bioelectronics for brain-body axis"
Claudia Cea, Yale University
12:30-13:30

Luch break
13:30-14:30

Track 1 – Hands-on sessions: Technologies and data analysis for wearable sensors ROOM CB30A	Track 2 – Advances in clinical rehabilitation and sports medicine using wearable sensors ROOM CB30B	Track 3 - Onco-hematology care through wearable sensors ROOM CB31A
Hands-on: Motion tracking by wearables based on magneto inertial measurements *Alessia Noccaro, Newcastle University* *14:30-17:00*	*"Wearable sensors in orthopaedic rehabilitation: where we are and where we are going"* *Arianna Carnevale, Fondazione Policlinico Campus Bio-Medico di Roma* *14:30-15:20*	*"An overview of bispecific strategies in hemathology"* *Ombretta Annibali, Fondazione Policlinico Campus Bio-Medico di Roma* *14:30-15:00*
		"The role of CAR-T therapy in hematologic diseases" *Roberto Mina, Winship Cancer Institute Emory University* *15:00-15:30*
	"Wearable sensors for adaptive orthopaedic robot-aided rehabilitation" *Christian Tamantini, CNR* *15:20-16:10*	*"Navigating emerging toxicities in onco-hematology"* *Valeria Tomarchio, Fondazione Policlinico Campus Bio-Medico di Roma* *15:30-16:00*
		"Lymph nodes: an overview" *Arianna Di Napoli, Sapienza University of Rome and Sant'Andrea University Hospital* *16:00-16:30*
	"From wearable sensors data to digital twins: AI-driven personalized rehabilitation in orthopaedic care" *Giovanni Pioggia, CNR* *16:10-17:00*	*"Wearable technologies for lymph node palpation"* *Emiliano Schena, Università Campus Bio-Medico di Roma* *16:30-17:00*

Meet & Greet with Welcome Reception
17:00-18:30

Day 2

09/06/2026

MORNING PLENARY SESSION ROOM CB30B
"Wearable technologies for cardiorespiratory assessment: from sensors to insights" *Daniela Lo Presti & Carlo Massaroni, Università Campus Bio-Medico di Roma* *9:00-10:00*
"To what extent can we rely on wearables? the impact of sensor placement and signal processing on data reliability" *Gloria Cosoli, eCampus University* *10:00-11:00*
Coffee break *11:00-11:30*
"AI-driven health monitoring: concepts and applications in wearable technologies" *Valerio Guarrasi, Università Campus Bio-Medico di Roma* *11:30-12:30*
"Designing XR exergames for cognitive and physical training: wearable-driven interaction, engagement, and efficacy" *Manuela Chessa, University of Genova* *12:30-13:30*
Lunch break 13:30-14:30

Track 1 – Hands-on Sessions: Technologies and data analysis for wearable Sensors ROOM CB30B	**Track 2 – Advances in clinical rehabilitation and sports medicine using wearable sensors** ROOM CB31B	**Track 3 - Onco-hematology care through wearable sensors** ROOM CB31A
	"Wearables in orthopedic rehabilitation" *Andrea Bernetti, Sapienza University of Rome* *14:30-14:45*	***"Interstitial lung disease caused by antibody–drug conjugates"*** *Francesco Pantano, Fondazione Policlinico Campus Bio-Medico di Roma* *14:30-15:10*
	"Wearables for supervised and unsupervised motor monitoring" *Maria Luisa Gandolfi, University of Verona* *14:45-15:00*	
	"Wearables for supervised and unsupervised motor rehabilitation" *Giovanni Morone, IRCCS Fondazione Santa Lucia* *15:00-15:15*	***"Advancing clinical research: the critical role of wearable devices in intensive patient monitoring"***

Hands-on: Estimating Functional Brain-Heart Interplay from EEG and HRV series *Vincenzo Catrambone, University of Pisa* *14:30-17:00*	***"Wearables for rehabilitation in individuals with parkinson diseases"*** *Marianna Capecci, Università Politecnica Delle Marche* *15:15-15:30*	*Alessio Cortellini, Fondazione Policlinico Campus Bio-Medico di Roma* *15:10-15:50*
	"Wearables for rehabilitation in individuals with multiple sclerosis" *Sofia Straudi, Arcispedale Sant'Anna* *15:30-15:45*	
	"Wearables for upper limb amputee assessment and rehabilitation" *Sandra Miccinilli, Fondazione Policlinico Campus Bio-Medico di Roma* *15:45-16:00*	***"Remote patient monitoring and early detection of interstitial lung disease, hematological disorders, and fever"*** *Andrea Napotilato, the Royal Marsden NHS Foundation trust and The institute of Cancer Research, London UK* *15:50-16:20*
	"Wearables for assessment and rehabilitation of balance disorders" *Federica Bressi, Fondazione Policlinico Campus Bio-Medico di Roma* *16:00-16:10*	
	"Clinical application and use of wearable devices for upper limb assessment and rehabilitation" *Marco Bravi, Fondazione Policlinico Campus Bio-Medico di Roma* *16:10-16:20*	
	"Wearable devices for upper-limb sport rehabilitation" *Emanuele Umbro, Nexus Fisioterapia, Roma* *16:20-16:30*	
	"Acceleration derived indexes for gait quality assessment" *Filippo Castiglia, Link Campus University, Rome, Italy* *16:30-16:45*	***"Integrating patient-reported outcome measures (proms) with wearable technologies"*** *Massimo Di Maio, University of Turin* *16:20-17:00*
	"Clinical application and use of wearable devices for lower limb assessment and rehabilitation" *Fabio Santacaterina, Fondazione Policlinico Campus Bio-Medico di Roma* *16:45-17:00*	

Coffee Break – Poster Session
17:00-17:30

Project
17:30-18:30

Day 3

10/06/2026

MORNING PLENARY SESSION ROOM CB30B
"Industrial AI meets wearables: from machine intelligence to human performance" *Luigi Raiano, Siemens* *9:00-10:00*
Project *10:00-11:00*
Coffee break *11:00-11:30*
Projects Presentation and Closing Remarks *11:30-13:00*