AI and IoT for Measurement Systems in Health and Energy Sectors

	06/06	13/07	20/06	27/06	30/06	01/07 parallel sessions	01/07 parallel sessions	02/07	03/07	04/07
9:30					**Welcome to the in-presence sessions**					Departure from Cusano University at 9:30 a.m.
10:00					**Enrique Yeguas** - Virtual Laboratories for the Energy and/or Healthcare Sectors / Machine Learning for Healthcare and/or Energy Sectors	**Pilar Aparicio Martínez** -Advancing Healthcare Equity Through AI and Virtual Reality: Innovations in Health Monitoring and Patient Care	**Szymon Sobek** - Environmental footprint of energy and heatlhcare sectors, how AI-supported life cycle assessment (LCA) can help	**Cristina Martellini**	**AI & IoT Hackathon: Smart Solutions for Health and Energy**	**Sensor Medica Tour**
					Lab tour	**Prof Cordoba** - physiotherapy and sensors	**Marcin Sajdak** - AI and chemometrics for a healthier future: reducing emissions and advancing recycling technologies	**Cristina Martellini**	**AI & IoT Hackathon: Smart Solutions for Health and Energy**	**Sensor Medica Tour**
11:30										Return to Cusano University at 12:30 a.m.
13:00					Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
14:00	**Welcome to the online sessions**									
14:30	**Flaviana Tagliaferri** - The Role of Artificial Intelligence and the Internet of Things in Industry 4.0"	**Carlo Drago** - Machine Learning and Deep Learning in Healthcare and Energy Applications	**Juri Taborri** - The importance of metrological rigor for AI applications	**Giovanni Farina** - Information and communications technologies for digital transformation	**Carlo Drago** - Machine Learning and Deep Learning in Healthcare and Energy Applications	**Prof Cordoba** - Deep learning for diagnosing and tracking dementia progression	**Michela Longhi** - Introduction to IoT, with particular emphasis on Energy Applications for the monitoring of energy systems	**AI & IoT Hackathon: Smart Solutions for Health and Energy**	**Final Discussion**	**Closing greetings**
16:00	**Andrea Zingoni** - Artificial intelligence: from the theory to the applications	**Carlo Drago** - Machine Learning and Deep Learning in Healthcare and Energy Applications	**Gennaro Ponticelli** - Reshaping rapid prototyping through artificial intelligence	**Giovanni Farina** - Information and communications technologies for digital transformation	**Carlo Drago** - Machine Learning and Deep Learning in Healthcare and Energy Applications	**Imre Cikajlo** - Artificial intelligence and robotics in rehabilitation of upper extremities after stroke	**Raffaello Cozzolino** - The role of hydrogen in the new energy transition era	**AI & IoT Hackathon: Smart Solutions for Health and Energy**	**Awarding winners**	
					Welcome cocktail				**Social Dinner**	