

Thursday June 05, 2025		
14.15 – 14.45		Opening Remarks and Institutional Greetings
14.45 - 16.00	14.45 - 15.00	First Scientific Session 12 minute presentation + 3 minute Q&A Giorgia Brancolini - <i>Multiscale Computation for Biointerfaces: Advancing Biosensors & Nanomedicine in One Health</i>
	15.00 - 15.15	Francesco Giazotto - <i>Coherent caloritronics, energy management, and power generation in superconducting quantum circuits</i>
	15.15 - 15.30	Daniele Varsano - <i>Exploring Electronic Screening and Exciton Insulator Phases in 2D Materials</i>
	15.30 - 15.45	Giovanni Bertoni - <i>First demonstration of angular-momentum-resolved electron energy-loss spectroscopy</i>
	15.45 - 16.00	Leonardo Viti - <i>Fast THz frequency photodetectors and applications in quantum communication</i>
16.00 - 16.30		Coffee break
16.30 - 17.45	16.30 - 16.45	Second Scientific Session 12 minute presentation + 3 minute Q&A Marco Cecchini - <i>Ultra-High-Frequency Surface Acoustic Waves for Advanced Microfluidics and Biosensing</i>
	16.45 - 17.00	Eleonora Spurio - <i>Photoexcitation of Cerium Oxide via Ultrafast X-ray Spectroscopy</i>
	17.00 - 17.15	Michele Campisi - <i>Advancing Quantum Computing with Quantum Thermodynamics (and vice-versa)</i>
	17.15 - 17.30	Simone Zanotto - <i>Optomechanical Metasurfaces</i>
	17.30 - 17.45	Claudio Puglia - <i>Bridging the Gap: translating Quantum Research into commercial innovation</i>
17.45 - 19.00		First Poster Session
19.30 - 20.30		Orchestra Concert by OrchestrAcademy AYSO @Arena Spazio Culturale (Viale A. Tassoni 8, 41121)
20.30		Social Dinner @Arena Spazio Culturale

Friday June 06, 2025		
08.45		Welcome
09.00 - 10.30	09.00 - 09.15	Third Scientific Session 12 minute presentation + 3 minute Q&A Stefano Pittalis - <i>Density functional theory of magnetism</i>
	09.15 - 09.30	Stefania Benedetti - <i>Structure, electronic and plasmonic properties of amorphous transparent conducting oxide films for plasmonics in the mid-IR</i>
	09.30 - 09.45	Ambra Del Grosso - <i>Innovative Polymeric Nanosystems for Drug Delivery Across the Blood-Brain Barrier</i>
	09.45 - 10.00	Sibilla Orsini - <i>Light-based additive manufacturing for the management of complex fluids</i>
	10.00 - 10.15	Alberto Ghirri - <i>Coherent coupling between magnons and microwave photons in planar magnet/superconductor hybrid systems</i>
	10.15 - 10.30	Carlo Andrea Rozzi - <i>Ultrafast Electron Dynamics in molecules, crystals, interfaces</i>
10.30 - 11.00		Coffee break
11.00 - 12.30	11.00 - 11.15	Fourth Scientific Session 12 minute presentation + 3 minute Q&A Sergio Pezzini - <i>On-demand Hamiltonians in twisted graphene devices</i>
	11.15 - 11.30	Alessandra Di Gaspare - <i>Terahertz non-linear optics in van der Waals metamaterials: a bridge in the 24-60 um gap</i>
	11.30 - 11.45	Andrea Secchi - <i>Hole-spin qubits in germanium beyond the single-particle regime</i>
	11.45 - 12.00	Federica Bianco - <i>Electron particles to control electron waves in graphene systems</i>
	12.00 - 12.15	Francesca Matino - <i>Polymeric Piezoelectrics for Energy Harvesting Applications</i>
	12.15 - 12.30	Luca Scaccini - <i>Nano and microengineered chitosan-based scaffolds as a tuneable approach for peripheral nerve regeneration applications</i>
12.30 - 13.30		Lunch
13.30 - 14.45		Second Poster Session
14.45 - 16.15		Afternoon session on possible interactions for the future
16.15 - 16.30		Wrap-up and Closing remarks