

NQSTI International School: advances in atomic and photonic quantum technologies						
	1/9/2025 Lunedì	2/9/2025 Martedì	3/9/2025 Mercoledì	4/9/2025 Giovedì	5/9/2025 Venerdì	
8:30 - 8:45	Registration					
8:45 - 9:00	Opening					
9:00 - 10:00	Francesco Scazza <i>Simulating correlated matter with ultracold atoms</i>	Ilaria Gianani <i>Quantum ultrafast optics</i>	Donatella Cassettari <i>Holographically-generated optical traps for ultracold atoms</i>	Florian Marquardt	Florian Marquardt	
10:00 - 11:00				Coffee Break	Coffee Break	
11:00-12:00	Coffee Break	Coffee Break	Coffee Break	Andrew Cleland <i>Exploring the physics of individual phonons in solids</i>	Massimiliano Rossi <i>Probing the boundaries of quantum physics with levitated systems</i>	
12:00 - 13:00	Marco Fattori <i>Fundamentals and applications of atom interferometry</i>	Jonas Schou Neergaard-Nielsen <i>Continuous-variable entangled light for quantum learning and sensing</i>	Vito Giovanni Lucivero <i>Quantum sensing and metrology with hot atoms</i>	Lunch	Lunch	
13:00 - 14:00						
14:00 - 15:00	Lunch	Lunch	Lunch			
15:00 - 16:00	Maja Colautti <i>Molecules are Qool! Single Organic Molecules for Quantum Technologies</i>	Andrew Cleland <i>Exploring the physics of individual phonons in solids</i>	Free time	Johannes Fink <i>Protecting and interconnecting superconducting qubits</i>	Johannes Fink <i>Protecting and interconnecting superconducting qubits</i>	
16:00 - 17:00		Coffee Break	Guided tour in Ascoli Piceno and social dinner at 20:00 in the city center	Students' Flash Talks	Concluding remarks	
17:00 - 18:00	Coffee Break	Students' Flash Talks		Poster Session with Happy Hour		
18:00 - 19:00	Students' Flash Talks					
19:00 - 20:00						