

	QWEST Kick-off meeting	Modena, 6-7 June 2024
8:30 - 9:30	Registration & opening	
	Session I	Chair: Matteo Paris
9:30 - 10:00	Massimo Frigerio	An introductory overview of chiral quantum walk
10:00 - 10:30	Eli Barkai	Fractional and integer hitting times and their relation to dark states
10:30 - 11:00	Luca Razzoli	Efficient Implementation of Discrete-Time Quantum Walks on Quantum Computers
11:00 - 11:30	COFFEE BREAK	
	Session II	Chair: Paolo Bordone
11:30 - 12:00	Stefano Olivares	Sampling a uniform distribution for random number generation via a quantum walk on a cycle
12:00 - 12:30	Eoin O'Connor	Practicality vs Precision in Quantum Speed Limits
12:30 - 13:00	Matteo Rossi	Quantum walks for network medicine
13:00 - 15:00	LUNCH	
	Session III	Chair: Claudia Benedetti
15:00 - 15:30	Filippo Caruso	Noise-assisted quantum walks for bio-inspired energy transmission networks
15:30 - 16:00	Stefano Martina	Quantum Reinforcement Learning
16:00 - 16:30	Ilaria Gianani	Continuous-time Quantum Walk recognition through machine learning
16:30 - 17:00	COFFEE BREAK	
	Session IV	Chair: Alessandra Colla
17:00 - 17:20	Gaia Forghieri	Quantum estimation and remote charge sensing with a hole-spin qubit in silicon
17:20 - 17:40	Giovanni Ragazzi	Phase estimation of noisy quantum gates
17:40 - 18:00	Valentina De Renzi	Walking in the quantum
18:00 - 18:30	Marco Genoni	Daemonic ergotropy in continuously monitored quantum batteries
19:00	APERICENA	



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	Session V	Chair: Andrea Smirne
9:30 - 10:00	Jeremie Roland	Spatial search by continuous-time quantum walks
10:00 - 10:30	Armando Perez	Quantum walks as simulators of the Dirac equation
10:30 - 11:00	Sandro Wimberger	Quantum walk of spinor Bose-Einstein condensates
11:00 - 11:30	COFFEE BREAK	
	Session VI	Chair: Stefano Olivares
11:30 - 12:00	Klaus Ziegler	Quantum walks with random scattering
12:00 - 12:30	Stanislav Skoupy	Quantum walk state transfer on a hypercube
12:30 - 12:50	Luca Previdi	A genetic approach to quantum routing
12:50 - 13:20	Simone Cavazzoni	Perfect Chiral Quantum Routing
13:30 - 15:00	LUNCH	
15:00	CLOSING	