

Secondo Congresso Nazionale NQSTI

Friday, 7 February 2025

Workshop tematici: Quantum Communication and Cryptography Aula 2.01 Edificio D (09:00 - 11:00)

time	[id] title	presenter
09:00	[27] Indium Phosphide Monolithical Integration of a Photonic Source Device Independent Quantum Random Generator	DE MARINIS, Lorenzo

Workshop tematici: Quantum Computing Algorithms and Simulations Aula 3.01 Edificio D (09:00 - 11:00)

Workshop tematici: Quantum Hardware and Experimental Platforms Aula RE 1 Edificio A (09:00 - 11:00)

Workshop tematici: Quantum Materials and Real-World Applications Aula 1.01 Edificio D (09:00 - 11:00)

time	[id] title	presenter
09:45	[30] Ultracompact entangled photon sources based on 2D semiconductors	TROVATELLO, Chiara

Workshop tematici: Quantum Sensing and metrology Aula Magna Edificio C (09:00 - 11:00)

Workshop tematici: Spoke 6 Aula RE 2 Edificio A (09:00 - 11:00)

-Conveners: Stefano Sanguinetti

time	[id] title	presenter
09:00	[19] Development of 3D superconducting Qubit	TOCCI, Simone
09:15	[20] Development of SC cavities for qubits and quantum memories	CHYHYRYNETS, Eduard
09:30	[22] Coherent states detection for light dark matter searches using multi-qubit sensor	GOBBO, Marco
09:45	[21] Advancing Kinetic Inductance Traveling Wave Parametric Amplifiers for Quantum Technologies	CAMPANA, Pietro
10:00	[23] Development of superconducting high kinetic inductance devices	AHRENS, Felix Klaus
10:15	[24] Design and modelling of practical JTWPA	PAGANO, Sergio
10:30	[25] Photon-number resolution with Transition-Edge Sensors	MALNATI, Federico
10:45	[26] Low power microwave photon detector based on Superconducting Qubit Network	LISITSKIY, Mikhail

Workshop tematici: Emerging Trend in Quantum Science and Technology Aula 3.01 Edificio D (11:30 - 13:15)

time	[id] title	presenter
------	------------	-----------

11:30	[28] Pump-driven optical Kerr rotation and hidden quantum entanglement in centrosymmetric bulk WSe ₂	CAPPELLUTI, Emmanuele
-------	---	-----------------------

Workshop tematici: Quantum computing algorithms and simulations Aula RE 2 Edificio A (11:30 - 13:15)

Workshop tematici: Quantum Education and Workforce Development Aula 2.01 Edificio D (11:30 - 13:15)

Workshop tematici: Quantum Hardware and Experimental Platforms Aula 1.01 Edificio D (11:30 - 13:15)

time	[id] title	presenter
11:45	[31] Kinetic Inductance Traveling Wave Parametric Amplifiers for Practical Microwave Readout	GIACHERO, Andrea

Workshop tematici: Spoke 6 Aula RE 1 Edificio A (11:30 - 13:15)

time	[id] title	presenter
11:45	[29] Quantum Correlated Twin Beams in Cascaded Quadratic Processes	RICCIARDI, Iolanda