



# Quantum Computing @ INFN

## Monday, 14 November 2022

### Lunedì: Apertura e relazioni a invito - Aula Specola (11:00 - 13:00)

time	[id] title	presenter
11:00	[1] Introduzione	ZOCCOLI, Antonio BOZZI, Concezio BONACORSI, Daniele
11:30	[2] Quantum Computing and Particle Physics	TAVERNELLI, Ivano
12:20	[21] Quantum Technologies nel PNRR	BONVICINI, Valter

### Lunedì: Relazioni a invito - Aula Specola (14:30 - 16:20)

time	[id] title	presenter
14:30	[22] Quantum Machine Learning: from theory to practice @ CERN	GROSSI, Michele GROSSI, Michele
15:10	[23] Metodi di quantum computing per tracciamento di particelle cariche	VALLECORSIA, Sofia
15:50	[28] Noisy Gates for Quantum Computing	VISCHI, Michele VISCHI, Michele

### Lunedì: Attività INEN 1 - Aula Specola (16:50 - 18:30)

time	[id] title	presenter
16:50	[25] Quantum Fuzzy Inference in Particle Accelerator Control	Prof. ACAMPORA, Giovanni SCHIATTARELLA, Roberto
17:15	[7] Evaluation quantum gradient through quantum non-demolition measurements	Prof. SOLINAS, Paolo
17:40	[4] Quantum simulation and control with Qibo	CARRAZZA, Stefano
18:05	[26] Bayesian Optimization for QAOA	ERCOLESSI, Elisa