



# Quantum Science Generation | QSG 2024

## Monday, 6 May 2024

### Invited contributions (14:30 - 15:30)

-Conveners: Carlo Sias

time	[id] title	presenter
14:30	[51] Quantum technologies with atomic systems	Dr SIAS, Carlo

# Tuesday, 7 May 2024

## Invited contributions (09:00 - 10:00)

-Conveners: Claudiu Genes

time	[id]	title	presenter
09:00	[27]	Quantum optics with atoms and molecules	Prof. GENES, Claudiu

# Wednesday, 8 May 2024

## Invited contributions (09:00 - 10:00)

-Conveners: Frank Pollmann

time	[id] title	presenter
09:00	[28] Realization and Characterization of Topological States on Quantum Processors	Prof. POLLMANN, Frank

# Thursday, 9 May 2024

## **Invited contributions (09:00 - 10:00)**

-Conveners: Nathan Wiebe

time	[id] title	presenter
09:00	[29] TBA	Prof. WIEBE, Nathan

## **Invited contributions: Algebraic techniques for quantum computing in quantum chemistry (14:00 - 15:00)**

-Conveners: Artur Izmaylov

time	[id] title	presenter
14:00	[48] Algebraic techniques for quantum computing in quantum chemistry	Prof. IZMAYLOV, Artur

# Friday, 10 May 2024

## Invited contributions (09:00 - 10:00)

-Conveners: Giuseppe Vallone

time	[id] title	presenter
09:00	[32] Recent advances in quantum communication and random number generation	Prof. VALLONE, Giuseppe

## Invited contributions (11:00 - 12:00)

-Conveners: Virginia D'Auria

time	[id] title	presenter
11:00	[33] Quantum Photonics for applied quantum technologies	Prof. D'AURIA, Virginia