



# QFC2022- Quantum gases, fundamental interactions and cosmology

## Wednesday, 26 October 2022

### QUANTUM GASES - Keynote Speeches (09:00 - 09:45)

-Conveners: Andrea Ferrara

| time  | [id] title   | presenter      |
|-------|--|----------------|
| 09:00 | [19] Observation of a gravitational Aharonov-Bohm effect and implications for quantum superpositions of Newtonian gravitational fields (Q) | KASEVICH, Mark |

# Thursday, 27 October 2022

## QUANTUM GASES - Keynote Speeches (09:00 - 10:00)

-Conveners: Giancarlo Cella

| time  | [id] | title   | presenter              |
|-------|------|---|------------------------|
| 09:00 | [23] | Holographic Quantum Simulation with Atoms and Photons (Q) | SCHLEIER-SMITH, Monika |

# Friday, 28 October 2022

## QUANTUM GASES - Keynote Speeches (09:00 - 09:45)

-Conveners: **Leonardo Gualtieri**

| time  | [id] | title   | presenter           |
|-------|------|---|---------------------|
| 09:00 | [27] | Quantum gases with long-range magnetic interactions (Q) | FERLAINO, Francesca |