## QFC2024- Quantum gases, fundamental interactions and cosmology

# Wednesday, 23 October 2024

Fundamental Interactions - Talks on specific topics (16:00 - 16:25)

-Conveners: Maria Luisa Chiofalo

time	[id] title	presenter
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16:00 [13] Shear to entropy ratio of superfluids

MANNARELLI, Massimo

### Thursday, 24 October 2024

### <u>Fundamental Interactions - Talks on specific topics</u> (14:00 - 14:25)

-Conveners: Rosa Poggiani

time [id] title	presenter
14:00 [3] Dephasing-tolerant quantum sensing for transverse magnetic fields with spin qudits	LEPORI, Luca

#### Fundamental Interactions - Talks on specific topics (17:00 - 17:25)

-Conveners: Scilla Degl'Innocenti

time [id] title	presenter
17:00 [12] Nonlinearities in black hole ringdown	JULIANO, Leonardo

### Friday, 25 October 2024

### Fundamental Interactions - Talks on specific topics (15:10 - 15:35)

-Conveners: Jorge Yago Malo

time [id] title		presenter	
	[2] Field theory description of surface and vorticity waves incident on an analogue black hole	BIONDI, Alessia	