



# Quantum Effects in Gravitational Fields

## Monday 28 August 2023

### Afternoon session 2 (16:40-17:20)

time	[id] title	presenter
16:40	[76] Quasinormal modes of Schwarzschild de Sitter black holes from Liouville CFT	ARNAUDO, Paolo

# Tuesday 29 August 2023

## Afternoon session 2 (16:40-17:20)

time	[id] title	presenter
16:40	[64] The semiclassical Einstein equation in cosmological spacetimes: Existence and uniqueness of the solutions	PINAMONTI, Nicola

# Wednesday 30 August 2023

## Afternoon session 2 (16:40-17:40)

time	[id] title	presenter
16:40	[20] Quantum effect unique to gravity based on the weak equivalence principle	KAKU, Youka
16:40	[41] Graviton couplings on Hilbert space	GASS, Christian
17:00	[35] Towards the optimal experiment of gravity-induced quantum entanglement	FUJITA, Tomohiro
17:00	[45] Relative entropy in de Sitter wedges and diamonds	FRÖB, Markus B.
17:20	[13] Stress-energy tensor on global anti-de Sitter space-time with Robin boundary conditions	NAMASIVAYAM, siva
17:20	[39] Relative entropy and dynamical black holes	D'ANGELO, Edoardo

# Thursday 31 August 2023

## Afternoon session 2 (16:40-18:00)

time	[id] title	presenter
16:40	[40] Characteristic renormalization and applications to black hole formation	JANSSEN, Daan
17:20	[47] Cosmological solutions to the semiclassical Einstein equation with Minkowski-like vacua	ROTHER, Nicolai