



# Quantum Effects in Gravitational Fields

## Monday 28 August 2023

### Morning session 1 (09:00-11:10)

time	[id] title	presenter
09:00	[77] Registration	
09:20	[70] Welcome speech	
09:30	[50] The euclidean vacuum state for linearized gravity on de Sitter spacetime	GÉRARD, Christian
10:30	[16] Adiabatic Ground states in Non-smooth Spacetimes.	SANCHEZ SANCHEZ, Yafet Erasmo

# Tuesday 29 August 2023

## Morning session 1 (09:30-11:10)

time	[id] title	presenter
09:30	[55] Entanglement structure of geometric states in holography	HUBENY, Veronica
10:30	[56] Mode-Sum Renormalization in Black Hole Spacetimes	TAYLOR, Peter

# Wednesday 30 August 2023

## Morning session 1 (09:30-11:10)

time	[id] title	presenter
09:30	[72] Superradiance and quantum states on black hole space-times	WINSTANLEY, Elizabeth
10:30	[43] The quantum scalar field on Kerr-de Sitter	KLEIN, Christiane

# Thursday 31 August 2023

## Morning session 1 (09:30-11:10)

time	[id] title	presenter
09:30	[68] Black Holes Decohere Quantum Superpositions	WALD, Robert
10:30	[9] Infrared Finite Scattering Theory in QFT and Quantum Gravity	SATISHCHANDRAN, Gautam

# Friday 01 September 2023

## Morning session 1 (09:30-11:10)

time	[id] title	presenter
09:30	[65] Quantum field simulator for dynamics in curved spacetime	FLOERCHINGER, Stefan
10:30	[66] Anomalies and the stability of stars	REYES, Ignacio