

Seventeenth Marcel Grossmann Meeting

Monday, 8 July 2024

Quantum field theory in curved spacetimes and perturbative quantum gravity: Monday block 1 - M4 (15:00 - 16:30)

-Conveners: Sebastián Franchino-Viñas; Markus B. Fröb

time	[id] title	presenter
15:00	[315] Non-minimal coupling, negative null energy, and effective field theory	Dr KONTOU, Eleni-Alexandra
15:40	[387] Boson stars and their relatives in semiclassical gravity	BARRANCO, Juan
16:00	[520] Vacuum selection in qft	Dr COLOSI, Daniele

Quantum field theory in curved spacetimes and perturbative quantum gravity: Monday block 2 - M4 (17:00 - 18:30)

-Conveners: Markus B. Fröb; Sebastián Franchino-Viñas

time	[id] title	presenter
17:00	[112] Conformal Backreaction, Chiral and Conformal Anomalies in The Early Universe	Prof. CORIANÒ, Claudio
17:40	[134] Parity violation in the trace anomaly	LARUE, Rémy
18:00	[370] Proper-time flow equation and non-local truncations in quantum gravity	GLAVIANO, Emiliano Maria
18:20	[651] Quantization without $\mathfrak{su}(2)$ decomposition in curved spacetime and its Schroedinger picture limit	KANATCHIKOV, Igor

Thursday, 11 July 2024

Quantum field theory in curved spacetimes and perturbative quantum gravity: Thursday block 1 - M4 (15:00 - 16:30)

-Conveners: Markus B. Fröb; Sebastián Franchino-Viñas

time	[id] title	presenter
15:00	[522] Vacuum instability and Black Hole Evaporation	WONDRAK, Michael Florian
15:20	[411] Spontaneous breaking of diffeomorphism invariance in conformally reduced quantum gravity	GIACOMETTI, Gabriele
15:40	[93] Vacuum Energy from Qubit Entropy	QUINTA, Gonçalo
16:00	[389] Entanglement Harvesting in Accelerated Systems: Field Temperature and Boundary Effects	BARMAN, Dipankar

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time	[id] title	presenter
17:00	[224] Polarization-corrected light propagation in gravitational fields	MURK, Sebastian
17:20	[279] Electromagnetic interactions near the black hole horizon	FELEPPA, Fabiano
17:40	[145] High-energy corrections to the CGHS model: a systematic procedure	PARVEZ, TAUSIF
18:00	[369] The Quantum Perspectives of Kerr Black Hole Formation and Evaporation	NIAN, Jun
18:20	[648] Recent advances in quantum field theory in curved spacetime	FRANCHINO-VIÑAS, Sebastián FRÖB, Markus B.