Sixteenth Marcel Grossmann Meeting

Monday, 5 July 2021

Quantum Fields: Block 1 (16:30 - 19:30)

-Conveners: Andrei Lebed

time	[id] title	presenter
16:30	[71] Breakdown of the Equivalence Principle for a composite quantum body	Prof. LEBED, Andrei
16:50	[17] Hydrodynamic representation for fermion particles in curved space-times.	GALLEGOS, Omar
17:10	[359] Extended DeWitt-Schwinger subtraction scheme, heavy fields and decoupling	FERREIRO, Antonio
17:30	[378] Chiral vortical effect for free fermions on anti-de Sitter space	AMBRUS, Victor E.
17:50	[405] Renormalization, running couplings and decoupling for the Yukawa model in curved spacetime	Mr NADAL-GISBERT, Sergi
18:10	[488] Black hole induced false vacuum decay from first principles	SHKERIN, Andrey
18:30	[482] Evaporation of four-dimensional dynamical black holes sourced by the quantum trace anomaly	MEDA, Paolo

Thursday, 8 July 2021

Quantum Fields: Block 2 (16:30 - 19:30)

-Conveners: Andrei Lebed

time	[id] title	presenter
16:30	[641] Stress energy correlator in de Sitter space-time : its conformal masking or growth in connected Friedmann universes	Mr DHANUKA, Ankit
16:50	[665] Interior of Typical Black Holes	Dr YOKOKURA, Yuki
17:10	[669] Ultracompact stars in semiclassical gravity	ARRECHEA, Julio
17:30	[515] GENERALIZED HEISENBERG UNCERTAINTY PRINCIPLE IN QUANTUM GEOMETRODYNAMICS AND GENERAL RELATIVITY	BECKWITH, Andrew
17:50	[709] Einstein anomaly with tensors of odd order in six dimensional curved space	YAMAMOTO, Kohei
18:10	[738] Causal measurements of quantum fields with local probes	RUEP, Maximilian Heinz
18:30	[997] Thermalization of harmonic oscillator Unruh-DeWitt detectors	
18:50	[748] Quantum memory and BMS symmetries	KOLEKAR, Sanved