

15th annual conference on Relativistic Quantum Information (North)

Tuesday, 24 June 2025

Tuesday Parallel Session F: Block 1 - 1st floor, room 4 (14:40 - 16:10)

time	[id] title	presenter
14:40	[217] Quantum decoherence of gravitational waves	TAKEDA, Hiroki
14:55	[218] Sudden Decoherence by Resonant Particle Excitation for Testing Gravity-Induced Entanglement	KAKU, Youka
15:10	[219] Detecting post-Newtonian classical and quantum gravity via quantum clock interferometry	WAKAKUWA, Eyouri
15:25	[220] Control, sensing and gravitational coupling of milligram pendulums: towards interfacing quantum and gravity	HOSTEN, Onur
15:40	[221] Benchmarks for quantum communication via gravity	TOCCACELO, Kristian
15:55	[222] Quantum dynamics of indefinite fields and spacetimes	SAJEENDRAN, Achintya

Tuesday Parallel Session F: Block 2 - 1st floor, room 4 (16:45 - 18:15)

time	[id] title	presenter
16:45	[223] Acceleration-induced radiation from a qudit particle detector model	GALLOCK-YOSHIMURA, Kensuke
17:00	[171] Observers in relativistic quantum spacetime	ROSATI, Giacomo
17:15	[225] Can spacetime fluctuations generate entanglement between co-moving accelerated detectors?	Mr BARMAN, Dipankar
17:30	[226] Quantum thermal machines in black hole spacetime	MOUSTOS, Dimitris
17:45	[227] A Universal Quantum Computer From Relativistic Motion	LEMAITRE, Phil
18:00	[228] Non-perturbative modelling of quadratically coupled detectors in QFT	FUNAI, Nicholas