

Poster session

Tuesday, 29 August 2023 11:50 (1 hour)

“Facets of Unitarity Violation in Dynamical Spacetimes” by Ka Hei Choi (Ludwig Maximilian University of Munich);

“Gravity and the Superposition Principle” by Hristu Culetu (Ovidius University);

“The master Dyson-Schwinger equation and the Wilsonian renormalization group flows in a generally covariant setting” by Andras Laszlo (Wigner Research Centre for Physics, Budapest);

“Uniformly accelerated particles and gravitational waves: The Unruh effect and zero-Rindler-energy modes” by Felipe Portales-Oliva (Federal University of ABC);

“Towards a Probabilistic Foundation of Relativistic Quantum Theory: The One-Body Born Rule in Curved Spacetime” by Maik Reddiger (Anhalt University of Applied Sciences);

“Modelling quantum particles falling into a black hole: the deep interior limit” by Sami Viollet (CPT Marseille);

“Scattering Analogy of Cosmological Particle Production in a BEC-Quantum simulator” by Christian F. Schmidt (Friedrich-Schiller-Universität Jena);

“Hawking radiation around and inside rotating and accreting black holes” by Tyler McMaken (ILA and the University of Colorado Boulder);

“The Utility of Lorentzian Network Histories” by Cecilia Giavoni (Munich)

TBD by Maria Alberti (Leipzig)

Presenters: LASZLO, Andras (Wigner Research Centre for Physics, Budapest); GIAVONI, Cecilia (LMU-Munich); SCHMIDT, Christian (Theoretisch-Physikalisches Institut Jena, Germany); PORTALES OLIVA, Felipe (Federal University of ABC); CULETU, Hristu (Ovidius University); CHOI, Ka Hei (Ludwig Maximilian University of Munich); REDDIGER, Maik (Anhalt University of Applied Sciences); ALBERTI, Maria (ITP Leipzig); MCKAKEN, Tyler (University of Colorado Boulder); VIOLLET, sami (CPT Marseille)

Session Classification: Morning session 2