

Session Program

7–10 Jul 2025

Bridging high and low energies in search of quantum gravity - 2025 Cost Action CA23130 First Annual Conference

WG5 Connection between low-energy and high-energy quantum gravity 2

LPNHE, Amphithéâtre Charpak
4 Place Jussieu 75005 Paris Tour 22

Thursday 10 July

09:00

WG5 Connection between low-energy and high-energy quantum gravity 2

Session | Location: LPNHE, Amphithéâtre Charpak, 4 Place Jussieu 75005 Paris Tour 22

09:00–09:20 Testing modified dispersion relations with relativistic gas dynamics

Speaker
Manuel Hohmann

09:20–09:40 Correspondence between Modified Gravity and Generalized Uncertainty Principle

Speaker
Dr Aneta Wojnar

09:40–10:00
Covariance in Spherically Symmetric Effective Models of Quantum Gravity and Quantum Black Holes

Speaker
Yongge Ma

10:00–10:20 Emergent Scalar Field Dynamics on Curved Spacetime in Group Field Theory

Speaker
Roukaya Dekhil

10:20–10:40 The quantum group structure of quantum reference frame transformations

Speaker
Diego Fernández-Silvestre

10:40–11:00 Nonperturbative quantum black holes and their phenomenology

Speaker
Saeed Rastgoo

11:00