

Session Program

7–10 Jul 2025

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

WG3 Low-energy Gravitational Effects in Quantum Systems 2

LPNHE, Amphithéâtre Charpak
4 Place Jussieu 75005 Paris Tour 22

Wednesday 9 July

09:00

WG3 Low-energy Gravitational Effects in Quantum Systems 2

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

09:00–09:40 The general structure of quantum-classical theories: for gravity and more

Speaker
Antoine Tilloy

09:40–10:00
Towards generalized group structures for changes of quantum reference frames: the twisted Poincaré case

Speaker
Gaetano Fiore

10:00–10:20 Low-Energy Test of Quantum Gravity via Angular Momentum Entanglement

Speaker
Luciano Petruzzello

10:20–10:40 Foundations of Relational Quantum Field Theory

Speaker
Samuel Fedida

10:40