

Session Program

7–10 Jul 2025

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

WG1 High Energy QG Theory 3

LPNHE, Amphithéâtre Charpak
4 Place Jussieu 75005 Paris Tour 22

Wednesday 9 July

11:00

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

11:00–11:20	Simulations and the Resulting Spectra for Reactions in Astrophysical Electromagnetic Cascades with Lorentz Invariance Violation Speaker Andrey Saveliev
11:20–11:40	The regularization of spacetime singularities Speaker Vania Vellucci
11:40–12:00	Revisiting noncommutative spacetimes from the relative locality principle Speaker José Javier Relancio Martínez
12:00–12:20	Beyond Standard Cosmology: New Statistical Approaches to Lorentz Invariance Violation Speaker Denitsa Staicova
12:20–12:40	Time Dilation in Planck-scale-deformed Special Relativity Speaker Pietro Pellicchia
12:40–13:00	Operator dressing & proto-gauge theory from quantum mereology Speaker Dr Oliver Friedrich

13:00