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Type: **Invited talk in a parallel session**

Planck-scale effects in the propagation of high-energy particles from astrophysical sources

Tuesday, 9 July 2024 17:00 (25 minutes)

I review the phenomenology of Planck-scale effects influencing the propagation of high-energy particles from astrophysical sources.

I discuss the interplay between Planck-scale effects and the universe expansion, and present possible methods to constrain such effects using observations.

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Session Classification: Quantum gravity phenomenology

Track Classification: Quantum Gravity (QG): Quantum gravity phenomenology