

## Phenomenology 2023 Symposium



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# Cosmological Constraints on Long Lived Supersymmetric Particles

*Tuesday 9 May 2023 17:15 (15 minutes)*

We provide a comprehensive analysis of constraints on Supersymmetric gravitinos and axinos originating from spectral distortion, BBN and Lyman-alpha considerations. We analyze the current status and future prospects of such scenarios from cosmological probes. Furthermore, we provide the complementary constraints from collider data and assess the future discovery prospects.

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