Dark matter and black holes



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Vacuum relics in ultra-slow-roll inflation

Tuesday 2 December 2025 11:50 (20 minutes)

We study the formation of vacuum bubbles in ultra-slow-roll inflation. Our results show that these bubbles play a significant role in the dynamics of the system and provide an important contribution to the primordial black hole population, potentially accounting for a substantial fraction of dark matter.

Presenter: ALBERT ESCRIVÀ

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