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Understanding dark matter using GAMBIT

Thursday, 26 September 2024 14:01 (17 minutes)

This talk presents recent findings on dark matter derived from the Global and Modular Beyond the Standard Model Inference Tool (GAMBIT). After summarising the core functionalities of the GAMBIT code, I underscore its potential as a robust framework for identifying signals of physics beyond the Standard Model in particle physics and cosmology. The latest GAMBIT results for various dark matter candidate models are then discussed, demonstrating the tool's effectiveness and versatility in advancing our understanding of dark matter.

Primary authors: BALAZS, Csaba; THE GAMBIT COMMUNITY

Presenter: BALAZS, Csaba

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