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Towards GAMBIT 2.0

Friday 19 February 2021 15:15 (20 minutes)

The Global and Modular Beyond-the-standard-model Inference Tool (GAMBIT) is an open-source framework for performing BSM global fits. In this talk I will give update on recent and ongoing developments in GAMBIT. In particular, I will introduce the GAMBIT Universal Model Machine (GUM), to be included in the upcoming GAMBIT 2.0. GUM is a new tool for automatically generating model-specific collider, dark matter, decay and spectrum code for GAMBIT, starting from Lagrangian-level inputs.

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