

Global fits of the scalar singlet model using GAMBIT

Tuesday, 29 November 2016 14:00 (20 minutes)

I will present the latest results for global fits to the Higgs portal scalar singlet extended standard model using complementary probes of dark matter. In doing so I will introduce the new global and modular beyond the standard model inference tool (GAMBIT) which is used to achieve these results in a statistically consistent and modular way. I will also demonstrate the flexibility and consistency between the choice of statistical fitting algorithms available with this tool.

Summary

Author: MCKAY, James (Imperial College London)

Presenter: MCKAY, James (Imperial College London)

Session Classification: Dark matter