



Contribution ID: 153

Type: **Parallel Talk**

## Global fits of the scalar singlet model using GAMBIT

*Thursday, July 6, 2017 5:30 PM (15 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 we use to achieve these results in a statistically consistent and modular way.

### Experimental Collaboration

GAMBIT Collaboration

**Author:** Mr MCKAY, James (Imperial College London)

**Presenter:** Mr MCKAY, James (Imperial College London)

**Session Classification:** Dark matter

**Track Classification:** Dark Matter