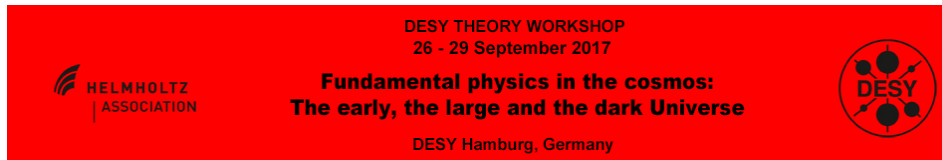


# Fundamental physics in the cosmos: The early, the large and the dark Universe



Contribution ID: 2

Type: **not specified**

## First SUSY results with GAMBIT

*Wednesday 27 September 2017 14:00 (17 minutes)*

I will give a brief introduction to the public software package GAMBIT (the Global and Modular Beyond-the-Standard-Model Inference Tool) and present the first SUSY results from the BSM science programme currently being pursued with it. We have performed global fit analyses of both GUT-scale and weak-scale parameterisations of the MSSM. Our analyses improve on existing results in terms of the number of observables included, the level of detail in the treatment of these, and the employed scanning techniques.

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**Session Classification:** Parallel Session: Particle Phenomenology - 1a

**Track Classification:** Particle Phenomenology