

Recasting LHC Run-2 Electroweak SUSY searches with GAMBIT

Tuesday 15 May 2018 15:40 (15 minutes)

I will discuss first results of recasting early LHC Run-2 electroweak SUSY searches with GAMBIT, the Global and Modular Beyond-the-Standard Inference Tool. I will review the searches that have been recasted for this analysis and their specific implementations within the GAMBIT ColliderBit framework. Assuming a model with decoupled sfermions and gluinos, I will present combined constraints on the electroweak SUSY parameter space and highlight the impact of signal region correlations on the recast results.

Presentation

Talk given in person

Author: DANNINGER, Matthias (University of British Columbia (CA))

Presenter: DANNINGER, Matthias (University of British Columbia (CA))

Session Classification: (Re)interpretation studies