

The XXVIII International Conference on Supersymmetry and Unification of
Fundamental Interactions (SUSY 2021)



Contribution ID: 185

Type: **not specified**

SUSY global fits with future colliders using GAMBIT

Tuesday, 24 August 2021 14:30 (25 minutes)

We study the impact of future electron-positron colliders, such as CEPC, ILC and FCC- ee , on global fits of the simplest supersymmetric models, such as the CMSSM and pMSSM-7, using GAMBIT and publicly available data published by the GAMBIT Community. From the impact of the additional likelihoods, we discuss the discovery prospects and reaches of future colliders.

Primary author: ZHANG, yang

Presenter: ZHANG, yang

Session Classification: Lepton Colliders

Track Classification: Lepton Colliders