

MSSM Implications of Higgs searches during LHC Run 1

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We shall present results of a multi-dimensional fit of the phenomenological Minimal Supersymmetric Standard Model (pMSSM) to the LHC Run 1 results. The emphasis of our study lies in particular on the MSSM Higgs sector. We take into account various experimental constraints and measurements from Higgs searches at the LHC and LEP experiments, using the tools *HiggsBounds* and *HiggsSignals*. Furthermore we discuss the impact of including the anomalous magnetic moment of the muon and rare B decays in the fit.

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