

XXV DAE-BRNS High Energy Physics Symposium 2022



Contribution ID: 508

Type: Poster

Decoding the Charged Lepton Yukawa from the Higgs measurements

Tuesday 13 December 2022 14:00 (1 hour)

Higgs couplings to charged leptons form an important measurement to understand not only the Standard Model but also physics beyond Standard Models including, multihiggs models, supersymmetric models etc. In the present work, We focus on the complementarity between the direct and indirect measurements in fixing the charged Lepton Yukawa couplings including flavour violating couplings. We show that the present limits from LHC are already competing with the indirect flavour violating measurements in some cases.

Session

Higgs Physics

Authors: Mr PATEL, Mihir (SVNIT Surat); Dr SARKAR, Ratan (IMSc Chennai); Prof. VEMPATI, Sudhir (IISc Bangalore); Dr KUMBHAKAR, Suman (Montreal University)

Presenter: Dr SARKAR, Ratan (IMSc Chennai)

Session Classification: Poster - 2