

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A&B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032, India

Seminar Notice

Org. by

Theoretical Physics Department

Title:	Charged Higgs boson at the LHC
Speaker:	Monoranjan Guchait, TIFR, Mumbai
Date:	April 4, 2018 (Wednesday)
Time:	3:00 p.m.
Venue:	Theoretical Physics Seminar Room (C406), 3rd Floor, Centenary Building, IACS
Abstract:	Discovery of Charged Higgs boson carries the unambiguous hallmark of the beyond standard model. The lower range of masses of charged Higgs boson are mostly excluded by various experiments. However, signature of heavier charged Higgs boson, much above the top quark mass is very hard to distinguish. In this talk, reviewing the present status of charged Higgs, I will discuss our recent work to find the detection prospect of charged Higgs at the LHC in the context of 2 Higgs doublet model, and using the technique of multivariate(MVA) analysis.

All are cordially invited to attend the seminar