

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:	Extended Higgs sectors, vacuum stability and related issues
Speaker:	Nabarun Chakrabarty, NCTS, Taiwan
Date:	April 18, 2018 (Wednesday)
Time:	3:30 p.m.
Venue:	Theoretical Physics Seminar Room (C406), 3rd Floor, Centenary Building, IACS
Abstract:	One of the shortcomings of the Standard Model that calls for the intervention of additional physics is the issue of vacuum instability. This can be alleviated by augmenting the SM with additional bosonic, preferably spin-zero, degrees of freedom. In this talk, we explore this possibility through multi-Higgs doublet extensions. We have also touched upon some other also important issues like dark matter that arise in the same context.

All are cordially invited to attend the seminar