

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

Seminar Notice

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Theoretical Physics Department

Title:	Non-equilibrium dynamics and dynamical phase transitions in the topological Haldane model
Speaker:	Amit Dutta, Dept. of Physics, I.I.T Kanpur
Date:	March 16, 2017 (Thursday)
Time:	12:00 noon
Venue:	Theoretical Physics Seminar Room (R/No.-C406), 3rd Floor, Centenary Building, IACS
Abstract:	With a brief note on the equilibrium Haldane model, we shall discuss some recent studies on its dynamical properties. For example, the conservation of Chern number, the decay of the edge current etc. Finally, we shall focus on a dynamical phase transition observed in the subsequent temporal evolution of a quenched Haldane model. We shall point to the crucial role played by the Haldane mass which renders the equilibrium Haldane model topological.

All are cordially invited to attend the seminar