

**INDIAN ASSOCIATION FOR THE CULTIVATION OF
SCIENCE**

2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032,
India

Seminar Notice

Org. by
School of Physical Sciences

Title:	Beta function computations: using exact RG and holographically
Speaker:	Prafulla Oak, I.M.Sc. Chennai
Date:	June 10, 2019 (Monday)
Time:	3:00 p.m.
Venue:	Physics Seminar Room (C-406), 3rd Floor, Centenary Building, IACS
Abstract:	We compute the beta functions of a modified Sine-Gordon model using exact RG techniques and holographically. The beta functions of the Sine-gordon have been computed long ago using field theoretic methods. This is a tedious calculation. ERG is a very simple way of doing the same computation. We also compute the zamolodchikov's c-function for the Sine-Gordon using the ERG. We will also compute the beta functions holographically in position and momentum space.

All are cordially invited to attend the seminar