



INDIAN STATISTICAL INSTITUTE

Theoretical Statistics and Mathematics Unit, Kolkata

LECTURE

Date: January 11, 2024

Time: 02:00 PM

VENUE:

L-2

(4th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

Introduction to Floer theoretic invariants in symplectic and contact topology

SPEAKER:

Soham Chanda

Rutgers University

ABSTRACT:

This is a pre-talk for my talk on Augmentation Varieties and Disk Potentials. I will cover the basics of symplectic and contact manifolds pertinent to the main talk. Then I will proceed to construct (Floer theoretic) invariants of symplectic and contact manifolds by counting pseudoholomorphic curves and sketch some applications.

ALL ARE CORDIALLY INVITED