



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

LECTURE

Date: June 14, 2023, Wednesday
Time: 04:00 PM

VENUE:

L-infinity
(5th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

On manifolds homeomorphic to the n -sphere

SPEAKER:

Somnath Basu

IISER Kolkata

ABSTRACT:

We shall discuss Reeb's Theorem and basic differential topology of Morse functions. This was used by Milnor to prove the existence of exotic spheres in 7 dimensions. We shall propose a generalization of Reeb's Theorem and discuss a proof of it.

This is joint work with Sachchidanand Prasad.

ALL ARE CORDIALLY INVITED