



INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

LECTURE

Date: June 14, 2023, Wednesday
Time: 02:30 PM

VENUE:

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

TITLE:

SPHERE FIBRATIONS OVER HIGHLY CONNECTED MANIFOLDS

SPEAKER:

Aloke Kr Ghosh
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ABSTRACT:

We will discuss the construction of the sphere fibrations over $(n - 1)$ -connected $2n$ -manifolds for an even integer n such that the total space is a connected sum of sphere products, in a localized category of spaces. Integral results are obtained for suitable cases. If time permits, we will discuss some applications of it.

This is a joint work with Samik Basu.

ALL ARE CORDIALLY INVITED