



Theoretical Statistics and Mathematics Unit

Indian Statistical Institute

203 B.T. Road, Kolkata-700108

SEMINAR

Date: May 20, 2026

Time: 11:00 PM

VENUE:

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

SPEAKER:

Sayan Shit

ISI Kolkata

TITLE:

Bianchi identities in noncommutative geometry

ABSTRACT:

The curvature of a connection satisfies the celebrated Bianchi identities, which play a fundamental role in Riemannian geometry. In noncommutative geometry, however, the absence of local coordinates makes the formulation of such identities more subtle.

In this talk, we will discuss the approach of Beggs and Majid, where analogues of the Bianchi identities in noncommutative geometry are reformulated using the language of differential graded (DG) categories.

ALL ARE CORDIALLY INVITED

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