



**Theoretical Statistics and Mathematics Unit, Kolkata**  
**INDIAN STATISTICAL INSTITUTE**

**SEMINAR**

**Date: February 16, 2026**

**Time: 04:15 PM**

**VENUE:**

**L- Infinity**

**(5<sup>th</sup> Floor, A.N. Kolmogorov Bhavan), ISI Kolkata**

**TITLE:**

**Regularity and pointwise convergence for dispersive equations on Riemannian symmetric spaces of compact type**

**SPEAKER:**

**Utsav Dewan**

IIT Bombay

**ABSTRACT:**

*One of the most celebrated problems in Euclidean Harmonic analysis is the Carleson's problem: determining the optimal regularity of the initial condition so that its Schrödinger propagation converges pointwise to it a.e. In this talk, we present the current best known results for dispersive equations on Riemannian symmetric spaces of compact type. This is based on a joint work with Sanjoy Pusti.*

**ALL ARE CORDIALLY INVITED**