



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

SEMINAR

Date: January 16, 2026

Time: 02:30 PM

VENUE:

L- 1

(3rd Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

Motohashi's Fourth Moment: Lecture 3

SPEAKER:

Sampurna Pal

Stat-Math Unit, ISI Kolkata

ABSTRACT:

In this series of lectures, I will try to explain Motohashi's result on the fourth moment of the Riemann zeta function, mainly following the fourth chapter of his book : "Spectral theory of the Riemann zeta function". This talk would be based on section 4.3. Hand written notes of the previous two lectures can be found in

https://drive.google.com/drive/folders/19hbBl2yN-GwKL8W1uPJTWOl_xbII4YZ_?usp=sharing

ALL ARE CORDIALLY INVITED