



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

**Number Theory Lecture**

Date: August 03, 2023, Thursday

Time: 02:30 PM

**VENUE:**

**L-infinity**

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

**TITLE:**

**Various test vectors and moments of L-functions**

**SPEAKER:**

**Subhajit Jana**

Queen Mary University, London, UK

**ABSTRACT:**

*We are going to describe the idea of analytic newvectors and how it can be used to estimate moments of L-functions. We will also briefly describe micro-localized vectors a la Nelson--Venkatesh, how they are used to estimate moments, and their differences with analytic newvectors. The talk will be in an expository style.*

**ALL ARE CORDIALLY INVITED**