



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

**SEMINAR**

**Date: June 18, 2025**  
**Time: 05:00 PM**

**VENUE:**

**L- Infinity**

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

**TITLE:**

**$\mathbb{A}^1$ -fibrations, trick of Dubouloz and applications**

**SPEAKER:**

**Utsav Choudhury**

Stat-Math Unit, ISI Kolkata

**ABSTRACT:**

In this talk we will see two definitions of  $\mathbb{A}^1$ -fibrations, one from the point of view of degeneration of families of  $\mathbb{A}^1$  and another from the point of view the algebra of polynomial type. Then we will discuss a trick of Dubouloz to relate both of these definitions and see few extremely useful applications of this trick.

**ALL ARE CORDIALLY INVITED**