



ICTS

INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Group Theory and Representation Theory Seminar**

**Title** : Computation of monodromy hypergeometric case

**Speaker** : T. N. Venkataramana (ICTS-TIFR, Bengaluru)

**Date** : Tuesday, 18 November 2025

**Time** : 11:30 AM (IST)

**Abstract** : We introduce the concept of monodromy, and use classical results on differential equations to compute monodromy in the hypergeometric  $nF_{n-1}$  cases. The aim is to obtain natural examples of thin subgroups of  $SL_n(\mathbb{Z})$ .

**Venue** : Feynman Lecture Hall