ICTS Group Theory and Representation Theory Seminar

Title   :   A gentle introduction to Bruhat-Tits theory

Speaker   :   Radhika Ganapathy (Indian Institute of Science, Bengaluru)

Date   :   Tuesday, 14 October 2025

Time   :   11:30 AM (IST)

Abstract :   We will give a brief introduction to Bruhat-Tits theory through the example $G = SL(2, F)$, where F is a non-Archimedean local field. We will then use it to discuss a proof of Ihara's theorem, which says that any torsion-free discrete subgroup of $SL(2, Q\_p)$ is free.

Venue   :   Feynman Lecture Hall