ICTS Group Theory and Representation Theory Seminar

Title	:	The Howe-Moore Ergodicity Theorem
Speaker	:	T. N. Venkataramana (ICTS-TIFR, Bengaluru)
Date	:	Tuesday, 26 August 2025
Time	:	11:30 AM (IST)

Abstract : We will show that both the horospherical flow and the geodesic flow on (circle bundles on) compact Riemann surfaces are ergodic with respect to a natural measure. This will be shown to be a simple consequence of a theorem (The Howe-Moore Ergodicity Theorem) on unitary representations of non-compact simple Lie groups. We will use methods of functional analysis to prove the latter.

Venue	:	Feynman Lecture Hall