Invariant measures for horospherical actions and Anosov groups

Abstract:
Let $\Gamma$ be an Anosov subgroup of a connected semisimple real linear Lie group $G$. For a maximal horospherical subgroup $N$ of $G$, we show that the space of all non-trivial $NM$-invariant ergodic and $A$-quasi-invariant Radon measures on $\Gamma \backslash G$, up to proportionality, is homeomorphic to $\mathbb{R}^{\text{rank}(G)-1}$, where $A$ is a maximal real split torus and $M$ is a maximal compact subgroup which normalizes $N$.

This is joint work with Hee Oh.

Host: Amir Mohammadi

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10:00 AM
Zoom ID 967 4109 3409 (email Nattalie Tamam or Brandon Seward for the password)