Geometry, Topology and Dynamics Seminar

New Ideas on Zimmer's conjecture

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Abstract: Zimmer's conjecture states that any action by diffeomorphisms of a lattice (for example Sl_n(Z)) on a manifold comes from a very nice algebraic action (for example, the natural action of Sl_n(R) in R^n). I'll describe some recent progress on this question due to A. Brown, D. Fisher and myself and explain some of the ideas involved on it.

Monday, October 10 at 3:00 PM in SEO 636