



ID de Contribution: 8

Type: Non spécifié

## Anosov representations of amalgams

*mardi 24 juin 2025 16:00 (1 heure)*

Anosov representations form a stable and rich class of discrete subgroups of semisimple Lie groups that today is recognized as the correct higher rank generalization of rank 1 convex cocompact subgroups of Lie groups. In this talk, after surveying what is known on classes of hyperbolic groups admitting Anosov representations, I will discuss some joint work with Subhadip Dey on constructing new classes of Anosov groups arising from amalgamations and HNN extensions. No previous knowledge on Anosov representations will be required for this talk.

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