



From
27
MAY.
2024
to
31
MAY.
2024

09h00
-
18h00

2024-T2 GROUP ACTIONS AND RIGIDITY: AROUND THE ZIMMER PROGRAM

Group actions with hyperbolicity and measure rigidity

Institut Henri Poincaré
11 rue Pierre et Marie Curie
75005 Paris

INSCRIPTION

Group actions and rigidity: around the Zimmer program

Workshop: Group actions with hyperbolicity and measure rigidity

May 27 to 31, 2024 - IHP, Paris

URL of the page: <https://www.ihp.fr/en/events/group-actions-hyperbolicity-and-measure-rigidity>

Actions with some degree of hyperbolicity arise naturally in many mathematical contexts. Many natural problems reduce to the classification of invariant measures or closed invariant sets. For instance, given a manifold equipped with an action by a large (not virtually-cyclic, though not necessarily higher-rank) group, under certain dynamical, geometric, or algebraic criteria on the action, one might hope to classify (1) all stationary or invariant measures and (2) all orbit closures for the action. In a geometrically related setting, given a partially hyperbolic diffeomorphism, one might ask when a u-Gibbs measure is necessarily SRB or when an equivariant foliation is necessarily minimal.

This workshop will bring together experts working in homogeneous dynamics, smooth hyperbolic dynamics, complex and arithmetic dynamics, and group actions to discuss new results and techniques related to the rigidity of invariant measures and orbit closures for hyperbolic group actions.



INSTITUT HENRI POINCARÉ

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
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TIMETABLE

The institute:

- Monday to Friday from 8:30am to 6pm,
- closed on public holidays.

The museum - Maison Poincaré :

- Monday, Tuesday, Thursday and Friday from 9:30am to 5:30pm,
- Saturday from 10am to 6pm,
- closed on Wednesday and Sunday.