



Du
28
JUIN.
2019

12h00
-
13h15

RÉGA

Akshay Venkatesh - 15h30 - Stable cohomology for moduli of abelian varieties.

IHP
amphi Hermite

The cohomology of the group $Sp(2g, \mathbb{Z})$ of symplectic $2g \times 2g$ integer matrices is known to stabilize: in each given degree it reaches a "limit" as g goes to infinity. I will first discuss this stable

cohomology and how it arises naturally in topological problems. This cohomology can also be interpreted as the cohomology of a moduli space of abelian varieties, and as such

(if taken with finite coefficients) it carries an action of the absolute Galois group of the rational numbers.

I will explain how to compute this action, and why I find the answer interesting. This is all joint work with Tony Feng (Stanford) and Soren Galatius (Copenhagen).

URL de la page : https://www.ihp.fr/fr/agenda/akshay-venkatesh-15h30-stable-cohomology-moduli-abelian-varieties&is_pdf=true



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HORAIRES

Lundi au vendredi : 8h30 à 18h
Fermé les jours fériés