
Géométrie et dynamique dans les espaces de modules

(Carlos Matheus, Bram Petri et Anton Zorich)

Un **mercredi** par mois de **14h à 15h** à l'**Institut Henri Poincaré**.

Séminaire au mois de Septembre:

- **25/09/2024 - Gregorio Baldi (IMJ-PRG)**

Titre: *Finiteness theorems for atypical intersections*

Résumé: Many manifolds M come naturally with a distinguished class of submanifolds exhibiting a special behaviour. Examples include abelian varieties with sub-abelian varieties, locally homogeneous spaces with totally geodesic sub-spaces, period domains with sub-period domains, as well as strata of abelian differentials with affine invariant submanifolds. Starting from the recent finiteness theorem of Eskin-Filip-Wright, I will describe various related results (in the different settings described above) and a new framework, based on “Galois theory of foliations”, that recovers most of those works. The new approach is effective and it is a joint work with D. Urbanik.

Salle Olga Ladyjenskaïa (ex-salle 01)

INSTITUT HENRI POINCARÉ

11 Rue Pierre et Marie Curie, 75005 Paris