



Du
29
JAN.
2022

11h30
-
12h30

SÉMINAIRE BOURBAKI

Ursula Hamenstädt — Local marked length spectrum rigidity after Colin Guillarmou and Thibault Lefeuvre

IHP
Hermite

INSCRIPTION

The marked length spectrum rigidity question asks whether two closed negatively curved manifolds, are isometric if they are homeomorphic with a homeomorphism which maps a closed geodesic on to a curve on which is freely homotopic to a closed geodesic of the same length. The lecture discusses the work of Guillarmou and Lefeuvre who used novel tools from microlocal analysis to give an affirmative answer to a local version of this question.

NB: A youtube link is available on [bourbaki.fr](https://www.bourbaki.fr)

URL of the page: https://www.ihp.fr/fr/agenda/ursula-hamenstadt-local-marked-length-spectrum-rigidity-after-colin-guillarmou-and-thibault&is_pdf=true



INSTITUT HENRI POINCARÉ - UAR839

Sorbonne Université / CNRS
11 rue Pierre et Marie Curie
75231 Paris Cedex 05

HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.