SEMPARIS – Séminaires en région parisienne

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TBA

Lundi 8 Novembre 2021, 16 :00
IHES, Amphithéâtre Léon Motchane(Séminaire Géométrie et groupes discrets)
Domaines : math

Titre : *Isospectral Hyperbolic Surfaces of Infinite Genus*

Orateur : **Federica Fanoni (CNRS et LAMA, Créteil)**

Résumé : *Two hyperbolic surfaces are said to be (length) isospectral if they have the same collection of lengths of primitive closed geodesics, counted with multiplicity (i.e. if they have the same length spectrum). For closed surfaces, there is an upper bound on the size of isospectral hyperbolic structures depending only on the topology. We will show that the situation is very different for infinite-type surfaces, by constructing large families of isospectral hyperbolic structures on surfaces of infinite genus.*
