SEMPARIS – Séminaires en région parisienne

`http ://string.lpthe.jussieu.fr/semparis/`

TBA

Lundi 12 Mai 2025, 16 :00
IHES, Amphithéâtre Léon Motchane(Séminaire Géométrie et groupes discrets)
Domaines : math

Titre : *Universal Objects for the Thurston Geometries*

Orateur : **Daryl Cooper (University of California, Santa Barbara)**

Résumé : *Branched manifolds were introduced by Bob Williams in his study of dynamical systems, and generalize the notion of train tracks. Let G be one of the eight Thurston geometries. There is a branched 3-manifold W(G) with a finite triangulation such that a closed 3-manifold M immerses into W(G) if and only if M admits a G-structure. Equivalently, there is a combinatorial characterization of those manifolds that admit a G-structure. This is joint with Priyam Patel and Leslie Mavrakis.*