SEMPARIS – Séminaires en région parisienne

TBA

Lundi 19 Juin 2017, 14 :30
IHES, Amphithéâtre Léon Motchane(Séminaire Géométrie et groupes discrets)
Domaines : hep-th

Titre : *Large scale geometry in large transformation groups*

Orateur : **Kathryn Mann (University of California, Berkeley)**

Résumé : *In this talk I will survey some recent work on coarse geometry of transformation groups, specifically, groups of homeomorphisms and diffeomorphisms of manifolds. Following a framework developed by C. Rosendal, many of these groups have a well defined quasi-isometry type (despite not being locally compact or compactly generated). This provides the right context to discuss geometric questions such as boundedness and subgroup distortion — questions which have already been studied in the context of actions of finitely generated groups on manifolds.*