

Speaker: Amie WILKINSON (University of Chicago, USA)

Title: Minimality of strong foliations of Anosov diffeomorphisms

I will discuss work with Avila and Crovisier (and related work with Eskin, Potrie and Zhang as well) on the following problem and where it has led us: Let f be an Anosov diffeomorphism in dimension 3. Assume the unstable bundle is 2 dimensional and admits a dominated splitting into weak and strong unstable bundles. Under what hypotheses is the strong unstable foliation minimal?