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Groups acting at infinity



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17h00-18h00
Sorbonne Université,
Tour 15-25,
salle 502 (5^e étage)

I will present some recent results on rigidity of group actions and flows that come from looking at induced actions on «boundaries at infinity». To give some examples: in joint work with Bowden, Manning and Weisman, we show that the action of a hyperbolic group on its Gromov boundary is stable in the sense of topological dynamics. In work with Barthelme and Frankel, we use boundary actions to show that Anosov flows on 3-manifolds are determined by their periodic orbits. This talk will survey some of the common philosophy and techniques.