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Title: Distinguishing Liouville manifolds via the dynamics of Fukaya categories

Abstract: This talk is about producing invariants of Liouville manifolds using continuous dynamics (and deformation theory) of their wrapped Fukaya categories. More precisely, we use differences in periodicity of "flow lines on categories" to distinguish some pairs of open symplectic mapping tori. As an application, we will give examples of pairs of Weinstein domains that cannot be distinguished by their topology or their symplectic cohomology groups, but that are different as Liouville manifolds.