Paul BIRAN (ETH Zurich)

Title: Approximations in the Fukaya Category

Abstract. We will present a (partially) conjectural picture which suggests that the Fukaya category can be approximated, in an appropriate sense and with respect to natural metrics, by small families of objects. We will also show how this leads to various measurements concerning growth of functors. Based on joint work with Giovanni Ambrosioni and Octav Cornea.