OCTAV CORNEA, Université de Montréal

Triangulated persistence categories and symplectic topology

I will discuss how mixing persistence (in the sense of persistence modules familiar in data science) and triangulation (in the sense of triangulated categories) leads to natural notions of approximability that have significant applications to symplectic topology. The talk is based on joint work with G. Ambrosioni and P. Biran (both from ETH)