

Triangulation and persistence

vendredi 11 juin 2021 13:45 (1 heure)

Mixing triangulation (in the sense of triangulated categories) with persistence (as in persistence modules) leads to a class of interesting pseudo-metrics in a variety of examples: metric spaces, Tamarkin categories, filtered topological spaces, Fukaya categories. I will discuss some generalities concerning this machinery and how it specifically applies to the symplectic context. The talk is based on joint work with Paul Biran (ETH) and Jun Zhang (CRM).

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Classification de Session: Séminaire