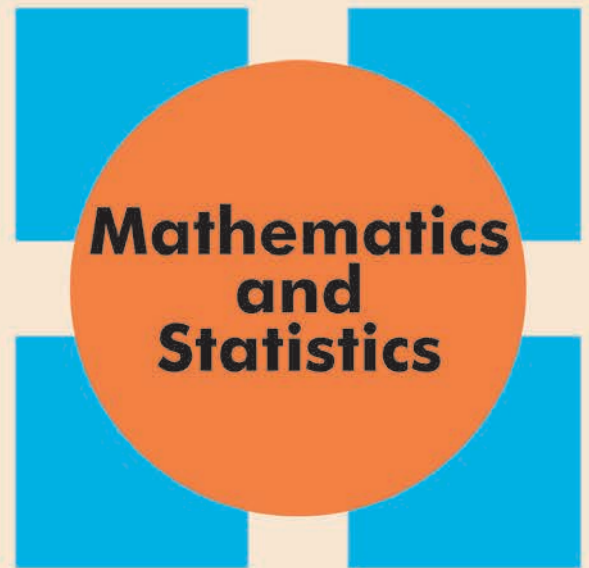


COLLOQUIUM

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Generalized Gromov-Hausdorff Distance and Interleavings of Functors



Date: Wednesday, March 30, 2016

Time: 3:30 - 4:30 PM

Room: CL 431

Abstract: A weighted category is one in which each arrow has a 'cost' associated to it. In this talk, we will define a Gromov-Hausdorff distance between weighted categories. We use the resulting framework to generalize the interleaving distance of persistence modules. The key ingredient is the bicategory of "pairwise embeddings", a certain sub-bicategory of cospans.