

ALGEBRA SEMINAR

From manifold functor calculus to graph-complexes

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ABSTRACT: The manifold functor calculus is a method for assembling local data to obtain results about the global structure of important topological spaces. This theory was invented by Goodwillie and Weiss in order to study embedding spaces. I will explain how this theory together with its new interpretation in the language of operads help to compute the rational homology and homotopy of certain spaces of embeddings.

MONDAY, DECEMBER 1, 2014
1:30 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS