Algebra/Topology Seminar

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Fibrant Resolutions of Motivic Thom Spectra

Thursday, February 21, 2019
1:15 p.m. in ES-143

ABSTRACT. This is joint work with G. Garkusha. In the talk I will discuss the construction of fibrant replacements for spectra consisting of Thom spaces (suspension spectra of varieties and algebraic cobordism MGL being the motivating examples) that uses the theory of framed correspondences. As a consequence we get a description of the infinite loop space of MGL in terms of Hilbert schemes.