



Speaker: Rune Haugseng
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Thursday, November 13, 2014
3:15 PM
258 Hurley Hall

Title: The higher Morita category of E_n -algebras

Abstract:

I will discuss a construction of a higher category of E_n -algebras and iterated bimodules, generalizing the classical bicategory of algebras and bimodules. This leads to generalizations of the Picard and Brauer groups, which have been studied in stable homotopy theory as interesting invariants of ring spectra, and should also lead to an "algebraic" construction of factorization homology as an extended topological quantum field theory.