Oberseminar Topologie: 28.10.2019

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" Parametrized spectra and twisted K-theory."

Abstract:

In this talk I will explain a framework for parametrized stable homotopy theory that is convenient for encoding multiplicative structures on twisted cohomology. As an application, I will outline how it allows to compare different models of twisted K-theory spectra including their multiplications. This is joint work with Fabian Hebestreit and Christian Schlichtkrull.