Bivariant local cyclic homology and some applications

Snigdhayan Mahanta (University of Adelaide)

Date / Time / Location: Tue. February 21, 2012, 10:00 - 11:00, JD35.

Abstract:

Bivariant local cyclic homology constructed by Puschnigg is a bivariant homology theory on a specific subcategory of topological algebras. Using Meyer's machinery the domain of this homology theory can be enlarged. I will introduce bivariant local cyclic homology in this generalized setting and discuss a few applications.