JONATHAN RUBIN, UCLA

Norms on G-categories

Let G be a finite group. The theory of N_{∞} algebras was originally motivated by the homotopy coherent systems of transfers that appear on G-spectra over incomplete universes, and on localizations of commutative ring G-spectra. In this talk, I will explain how such structure can be modeled on small G-categories. I will give a Mac Lane-style presentation of an equivariantization of ordinary symmetric monoidal structure, and then sketch applications as time permits.