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Peter Bonventre* (peterbonventre@uky.edu) and **Luis Pereira**. *Models for the homotopy theory of equivariant operads.*

Homotopically commutative ring spectra are ubiquitous in modern algebraic topology. When working equivariantly, there are multiple possible generalizations of this notion, determined by which multiplicative norm maps are present. Each version can be encoded as an algebra structure over an associated operad, and the homotopy theory of equivariant operads should differentiate those operads which determine different types of structured ring spectra. In this talk, I will present a square of Quillen equivalent categories, each of which models such a homotopy theory. From this, I will introduce a model for weak equivariant operads, built from the combinatorics of equivariant forests. This work is joint with Luis Pereira. (Received February 09, 2018)