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G-spectra and equivariant commutativity. Preliminary report.

I will discuss a model for the equivariant stable homotopy category in which the objects are spectral functors on a suitable domain category. One of the central ingredients is equivariant infinite loop space theory, whose input is appropriately commutative equivariant data. I will discuss this structure and consequences thereof from several viewpoints. (Received September 22, 2011)