

1106-55-189

Anna Marie Bohmann* (bohmann@math.northwestern.edu), Department of Mathematics,
2033 Sheridan Road, Evanston, IL 60208, and **Angelica M. Osorno**. *Constructing equivariant
spectra.*

Equivariant spectra determine cohomology theories that incorporate a group action on spaces. Such spectra are increasingly important in algebraic topology but can be difficult to understand or construct. In recent work, Angelica Osorno and I have created a machine for building such spectra out of purely algebraic data based symmetric monoidal categories. In this talk I will discuss an extension of our work to the world of Waldhausen categories. This new construction is more flexible and is designed to be suitable for equivariant algebraic K-theory constructions. (Received August 06, 2014)