1127-55-32   **Carolyn Yarnall*** (`carolyn.yarnall@uky.edu`). *Slices, Suspensions, and Connectivity.*
The equivariant slice filtration is an analogue of the Postnikov tower for G-spectra. However, since nontrivial representation spheres are used to construct the slice tower, we have a different notion of connectivity and thus, some of the nice properties of the Postnikov tower do not hold in this setting. In this talk, after recalling the construction and basic properties of the slice tower, we will discuss a new way of determining slices by looking at equivariant connectivity and provide specific examples of slice towers of suspensions of certain Eilenberg-MacLane spectra. (Received January 04, 2017)