1086-55-2550 Carolyn M. Yarnall\* (cmy3d@virginia.edu). *Determining Slice Towers*. Preliminary report. The slice filtration is a filtration of equivariant spectra developed by Hill, Hopkins, and Ravenel in their solution to the Kervaire Invariant One Problem. After briefly discussing some basic properties of the slice filtration, I will talk about methods for computing slice towers by looking at a particular example. (Received September 25, 2012)