1022-11-110 **David K Penniston*** (`david.penniston@furman.edu`), Department of Mathematics, Furman University, Greenville, SC 29613. *Divisibility of p-regular partition functions.* Preliminary report.

In this talk we discuss recent results on the arithmetic of p-regular partition functions, in particular divisibility and distribution, as well as some connections with other number theoretic objects. (Received September 11, 2006)