1024-14-147 **Andrew C Schultz*** (`aschultz@stanford.edu`), Department of Mathematics, Building 380, Stanford, CA 94305. *Etale Cohomology as Galois Modules.* Preliminary report.

The Galois module structure of $H^i(G_E, \mathbb{F}_p)$ for a Galois extension of fields E/F of prime degree p has been the subject of much investigation in the last 5 years. In my talk I will discuss some progress on extending this investigation to appropriate étale cohomology groups. (Received January 06, 2007)