

**Meeting:** 1002, Pittsburgh, Pennsylvania, SS 14A, Special Session on Modularity of Galois Representations and Serre's Conjecture

1002-11-43            **David Pollack\*** (dpollack@wesleyan.edu), Department of Math and Computer Science, 265 Church Street, Middletown, CT 06459. *Functoriality and Serre's Conjecture*. Preliminary report.

A. Ash, D. Doud, W. Sinnott and I have proposed a generalization of Serre's conjecture to  $GL(n)$ . I will present some instances in which special cases of Langlands functoriality can be used to verify predictions of this conjecture. (Received July 20, 2004)