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

1002-11-32 **Avner Ash*** (`ashav@bc.edu`), Dept. of Mathematics, Boston College, Chestnut Hill, MA 02467.
A generalization of Serre's conjecture to GL(3).

In joint work with D. Doud, D. Pollack and W. Sinnott, I have proposed a generalization of Serre's conjecture to $GL(n)/Q$. I will present this conjecture in the case of $GL(3)$ and give numerical evidence for it, attained in collaboration with those named above and D. Soares. (Received July 15, 2004)