962-47-784 **Joel H. Shapiro*** (shapiro@math.msu.edu), Department of Mathematics, Michigan State University, East Lansing, MI 48824-1027. *Decomposability and the cyclic behavior of composition operators.*

In this talk I will consider composition operators induced on the Hardy space H^p ($1 \leq p < \infty$) by linear fractional mappings of the unit disc that are parabolic, but *not* automorphic. I'll show that each such operator is decomposable, and this, by a theorem of Miller and Miller (*Local spectral theory and orbits of operators*, Proc. Amer. Math. Soc., 127 (1999), 1029–1037), will establish that no such map can be supercyclic (i.e., no vector can have a dense projective orbit). This generalizes an earlier result of Gallardo and Montes (*The role of the angle in supercyclic behavior*, preprint 1999) established by different methods for the case $p = 2$, and it completes the classification of cyclic behavior for linear fractionally induced composition operators that Paul Bourdon and I developed in *Cyclic phenomena for composition operators* (Memoirs Amer. Math. Soc. #596, January 1997). (Received September 27, 2000)