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Florian Enescu* (fenescu@mathstat.gsu.edu), Department of Mathematics and Statistics,
Georgia State University, University Plaza, Atlanta, GA 30303. *F-stable primes and local
cohomology*. Preliminary report.

We will present a relationship between the set of F-stable primes and a certain set of prime ideals introduced by G. Lyubeznik in his work on applications of F-modules to the theory of local cohomology. (Received August 12, 2005)