1053-60-58 **Winston Buckley***, Dept of Mathematical Sciences, Boca Raton, FL. *Asymmetric Information in Fads Models in Levy Markets.*

Fads models for stocks under asymmetric information in a purely continuous (GBM) market were first studied by P.Gausoni (2006), where optimal portfolios and maximum expected logarithmic utilities, including asymptotic utilities, for informed and uninformed investors are presented. We generalize this theory to Levy markets, where stock prices and the process modeling the fads jump. We employ stochastic calculus and optimization to obtain analogous results. We link the random portfolios of investors under asymmetric information, to the purely deterministic optimal portfolio under symmetric information. (Received July 30, 2009)