1147-37-699 **Benjamin Hutz*** (benjamin.hutz@slu.edu), Saint Louis, MO. *Multiplier Invariants in Dimension Greater Than One.* Preliminary report.

I develop moduli space invariants from the multiplier matrices of the periodic points for endomorphisms of projective space in dimension greater than one. These invariants are generalizations of those studied by Milnor in dimension one as explicit coordinates of the moduli space of degree two dynamical systems. These invariants have had extensive study in dimension one. In this talk I provide some basic definitions and properties as well as examine a few special cases of a possible generalization of McMullen's "multiplier mapping" theorem. (Received January 28, 2019)