

1154-94-1161 **Steve Szabo*** (steve.szabo@eku.edu), Lexington, KY 40475. *On Codes over Noncommutative Rings*. Preliminary report.

In this talk we explore the considerations on the structure of the ring alphabet and the properties of the bilinear form used in defining duality needed to have the traditional tools necessary for coding theoretic study. For instance, in what settings 1) do we have MacWilliams identities, 2) does the size condition on codes hold 3) can we consider self dual codes? (Received September 13, 2019)