

1125-22-2381 **Laura Rider*** (laurajoy@uga.edu). *Tilting Modules and the centralizer of a regular nilpotent*. Preliminary report.

In this talk, I'll discuss the representation theory of a reductive group in positive characteristic with an emphasis on the role played by tilting modules. We will consider their restriction to the centralizer of a regular nilpotent and how this relates to some equivalences in geometric representation theory. (Received September 20, 2016)