

1157-03-374      **Artem Chernikov\*** (chernikov@math.ucla.edu) and **Kyle Gannon**. *Idempotent Keisler measures*. Preliminary report.

Recently a considerable work by many authors went into understanding translation-invariant Keisler measures in NIP groups, and a classification was given in Chernikov, Simon, "Definably amenable NIP groups", JAMS 2018. In this talk, we consider a larger class of idempotent Keisler measures. We provide a complete classification in the stable case (they are precisely the invariant measures on type-definable subgroups) and discuss some partial results outside of stability. Joint work with Kyle Gannon. (Received February 02, 2020)