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**Amir Mohammadi\*** ([amirmo@math.uchicago.edu](mailto:amirmo@math.uchicago.edu)), Dept. of Mathematics 5734 S. University Ave., Chicago, IL 60637. *Measure rigidity in positive characteristic.*

We will address recent developments on classifying measures which are invariant under various groups, in positive characteristic setting. Some applications will also be discussed. (Received August 31, 2010)