

1106-11-2109      **Adam Topaz\*** ([atopaz@math.berkeley.edu](mailto:atopaz@math.berkeley.edu)), Dept. of Math., Univ. of California, Berkeley, 970 Evans Hall #3840, Berkeley, CA 94720-3840. *Model theory and Mod- $\ell$  Galois theory.*

This talk describes some recent results in Galois theory of function fields which use model-theoretic tools. More precisely, we use elements of geometric stability theory to develop a “global-theory” for the mod- $\ell$  anabelian geometry of higher-dimensional function fields. (Received September 15, 2014)