1067-03-1487 **Paul Baginski*** (baginski@gmail.com), Institut Camille Jordan, Batiment Braconnier, Universite Lyon 1, 69622 Villeurbanne, France. *Rings Arising in a Stable Context.*

In the late 1970s, several model theorists, notably Macintyre, Cherlin, Reineke, Felgner, Baur, Newelski and Poizat, to name a few, began examining model theoretic properties in the context of algebraic structures, such as groups and rings. For example, Baldwin and Rose proved that a stable, $\aleph_0$-categorical ring (not assuming commutativity or identity) is nilpotent by finite. They conjectured further that such rings must be null by finite, i.e. multiplication is trivial (up to extension by a finite ring). We will discuss recent developments to extend these arguments to other rings and ring-like structures which may arise out of models of a stable theory. (Received September 21, 2010)