

**UIC Model Theory Seminar, April 25, 2006**

**Some remarks on a notion of rank for ordered structures**

Charles Steinhorn  
Vassar College

We discuss joint work with A. Onshuus concerning notion(s) of rank for linearly ordered structures. Ever since o-minimal theories were defined, it has been thought that they might play a role with respect to linearly ordered structures analogous to that played by strongly minimal theories in the stable context. The talk focuses on the authors' efforts to begin to develop this analogy via the introduction of rank(s) for ordered structures.