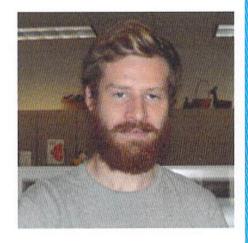# MODEL THEORY SEMINAR

Guest Speaker: Kyle Gannon

University of Notre Dame

Date: Tuesday, September 24, 2019

Time: 10:45 AM

Location: 125 Hayes-Healy Hall

Lecture Title:

The convolution algebra of Keisler measures

Abstract

Let T be a first order theory expanding the theory of a group and let $G \models T$. Then, there is a natural action of (G) on the space of externally definable measures on G. If G is countable and NIP, we show that the Ellis semigroup of this action is isomorphic to a particular convolution algebra of Keisler measures. This is joint work with Artem Chernikov.