

## ***MODEL THEORY SEMINAR***

**Guest Speaker: Kyle Gannon**

**UCLA**

***Date:*** Tuesday, November 29, 2022

***Time:*** 10:30 AM

***Location:*** 125 Hayes-Healy Hall

***Zoom URL:*** NA



***Lecture Title:***

**Extension domination**

***Abstract***

Motivated by the theory of domination for types, we introduce a notion of domination for Keisler measures called extension domination. We argue that this variant of domination behaves similarly to its type setting counterpart. We prove that extension domination extends domination for types and that it forms a preorder on the space of global Keisler measures. We then explore some basic properties related to this notion. This is joint work with Jinhe Ye.