

MODEL THEORY SEMINAR

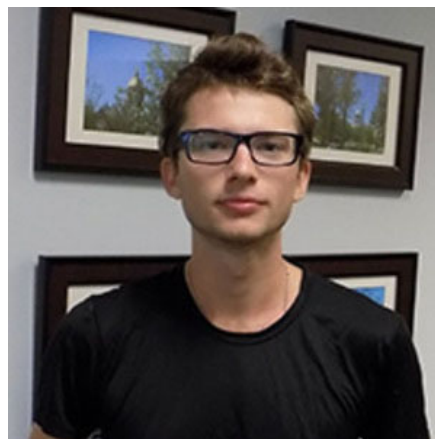
Guest Speaker: Atticus Stonestorm
University of Notre Dame

Date: Tuesday, September 5, 2023

Time: 4:30 PM

Location: 125 Hayes-Healy Hall

Zoom URL: NA



Lecture Title:

Some results on dp-minimal groups

Abstract

Dp-minimality is a kind of abstract model-theoretic "one-dimensionality" condition, satisfied for example by superstable theories of U-rank 1 and o-minimal theories. In this talk we will introduce dp-minimality, and then discuss some results on dp-minimal groups: namely, every torsion-free dp-minimal group is abelian, and every distal dp-minimal group is nilpotent-by-finite.