

MODEL THEORY SEMINAR

Guest Speaker: Erik Walsberg
University of California at Irvine

Date: Tuesday, February 9, 2021

Time: 10:45 AM

Location: Zoom

Zoom URL: <https://notredame.zoom.us/j/763507156>



Lecture Title:

Topological approach to the theory of large fields

Abstract

In a previous talk I discussed the étale open topology on the K -points of a variety over a large field K . This topology was originally introduced for model theoretic purposes. In this talk I will discuss how this topology can be used to give nice proofs of known results on large fields. For example I will show that if K is large and V is a smooth irreducible K -variety with a K -point then $|V(K)| = |K|$.