

LOGIC SEMINAR

Guest Speaker: Joel Hamkins
University of Notre Dame

Date: Tuesday, January 31, 2023

Time: 2:00 PM

Location: 125 Hayes-Healy Hall

Zoom URL: NA



Lecture Title:

A survey of set-theoretic geology

Abstract

I'll give a general account of the main elements of set-theoretic geology, including the motivating questions, the central definitions, and the main results, including newer advances. We'll discuss ground models, the ground axiom, the mantle, the ground-model definability theorem, Usuba's results on downward directedness and more.