TEXAS STATE



Topology Seminar at Texas State

Speaker: Will Boney

Title: A model-theorist's take on operads

When: Friday, Apr. 22, 11:00 a.m.– 11:50 a.m. Where: Online. Zoom info at bottom of page.

Abstract

Hiro Lee Tanaka has given a series of talks in this seminar on operads, which he described at one point as "[giving] a unifying language for different kinds of algebraic structure." Model theory provides a different unifying language through syntax (languages and logic) and semantics (structures and models). This talk will provide an introduction to the relevant ideas from model theory, and provide a bridge connecting the operadic viewpoint and model theoretic viewpoint.

 $\begin{array}{cccc} \text{Operad theories } T & & \longrightarrow \text{Operads } \mathcal{O} \\ & & & \downarrow \\ & & & \downarrow \\ & \text{Models of } T & & \longrightarrow \text{Set-algebras over } \mathcal{O} \end{array}$

Zoom Information

Meeting URL: Click here. Meeting ID: 922 5921 7572 Password: manifolds