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.

Operad theories $T \leftrightarrow$ Operads $\mathcal{O}$

$\downarrow$ \hspace{1cm} \downarrow

Models of $T \leftrightarrow$ Set-algebras over $\mathcal{O}$

Zoom Information

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