

Topology Seminar

Steve Awodey

of Carnegie Mellon University will be speaking on

Homotopy Type Theory and Univalent Foundations

on December 10 at 4:30 in
MIT Room 2-131

I will give a survey of the recently discovered connection between constructive logic and homotopy theory. This forms the basis of Voevodsky's Univalent Foundations program, a new approach to foundations with intrinsic geometric content and a computational implementation. Time permitting, I will explain the Univalence axiom.