

THE TRIVIAL NOTIONS SEMINAR

Leon Liu

will speak on

Some things about (Homotopy) Type Theory

ABSTRACT

What is type theory and why does it matter? How is it different from set theory, and what is the homotopy part of homotopy type theory? This week we will discuss these questions. We will first learn the motivation of type theory and how it arises in computer science. Then we will talk about the intimate relationship between logic and type theory. Lastly, we will discuss the notion of equality types and homotopy type theory. Hope to see you there!

Thursday, November 4, 2021

at 11:30 am

Science Center, Room 232