

Stanford University Mathematical Organization (SUMO) Speaker Series

# A lot of hats (like, SO MANY hats)

Friday, May 19, 2023  
3:30–4:30 PM @ 380-382T

**Romain Speciel**  
Stanford University

---

## Abstract

Although our every day experience is very finite (I have finitely many fingers, friends and Ferraris), the concept of infinity is one that regularly peaks our curiosity. In this introductory talk, we'll consider the notion of “countability” and the so called “axiom of choice” with the hope to understand how mathematicians tackle problems about infinitely many things (such as hats).