



# TOPOLOGY SEMINAR

## Markov categories I

By

**Redi Haderi**  
(Bilkent)

**Abstract:** Markov categories are a recent categorical approach to the mathematical foundations of probability and statistics. We will introduce Markov categories and their basic properties.

Reference: “A synthetic approach to Markov kernels, conditional independence and theorems on sufficient statistics” by Tobias Fritz.

**Date:** Monday, November 7, 2022

**Time:** 13:30

**Place:** SA141 Mathematics Seminar Room