

## **TOPOLOGY SEMINAR**

## **Limits and colimits**

By

## Walker Stern (Bilkent University)

**Abstract:** We define limits and colimits in a quasi-category, and describe how they generalize both 1-categorical limits, and homotopy limits. We survey some theorems about the computation of limits and colimits — in particular, cofinality.

Talk III in the sequence of Higher Categories (HC).

Date: Monday, March 25, 2024

**Time:** 13:30

Place: SA141 - Mathematics Seminar Room & ZOOM

To request the event link, please send a message to <a href="cihan.okay@bilkent.edu.tr">cihan.okay@bilkent.edu.tr</a>