

## **TOPOLOGY SEMINAR**

## **Quillen's Theorem A**

By

## Mustafa Akkaya (Bilkent)

Abstract: Two categories are called homotopy equivalent if their classifying spaces are weakly equivalent. Daniel Quillen gives some sufficient conditions on categories so that they are homotopy equivalent, which is known as ``Quillen's Theorem A." In this talk we will give a proof of this useful theorem and discuss its applications.

Date: May 4, 2020 Monday Time: 13:40 – 14:40

\* To request the event link, please send a message to <u>matthew.gelvin@bilkent.edu.tr</u>