

## **TOPOLOGY SEMINAR**

## First constructions

## By

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**Abstract:** We explain how slice quasi-categories are defined, and how they provide a new notion of mapping spaces in a quasi-category. Using this new notion, we give an alternate characterization of equivalences of quasi-categories, and define initial and terminal objects in a quasi- category.

Part II of a sequence on Higher Categories (HC).

Date: Monday, February 26, 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>