



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

RECENT ADVANCES IN GEOMETRY RELATIVE SYMPLECTIC COHOMOLOGY

Umut Varolgüneş

Boğaziçi University

17.2.2022 - Thursday

Talk 1: *What is happening in symplectic geometry?*

In the first half of the talk, I will give an informal and biased overview of some recent developments in symplectic geometry. In the second half, I will discuss some open problems in the field that I find interesting.

22.2.2022 - Tuesday

Talk 2: *A summary of my research*

I will give a summary of my research thus far and make some speculations about where it is going.

25.2.2022 - Friday

Talk 3: *Relative Floer theoretic invariants*

I will give a summary of the history, construction and applications of the recently developed relative Floer theoretic invariants in symplectic geometry. This talk will be a little more technical than the first two.

Date : February 17-22-25, 2022

Time: 9:00

Place: IMBM, Boğaziçi University South Campus & Zoom