



# HACETTEPE ÜNİVERSİTESİ

## MATEMATİK BÖLÜMÜ



# GENEL SEMİNER



25 MART 2026



15.00



YAŞAR ATAMAN SALONU

## Kadri İlker Berktav

Orta Doğu Teknik Üniversitesi, Matematik Bölümü, Türkiye

### Introduction to Derived Contact Geometry

This talk introduces contact structures within the context of derived algebraic geometry, a framework that combines algebraic geometry with homotopy theory via the language of higher category theory. We begin by reviewing derived symplectic geometry, along with some key results from the literature. We then present the derived contact setting using concepts adapted from the symplectic case, and outline our results on derived contact structures.



[mat.hacettepe.edu.tr](http://mat.hacettepe.edu.tr)