



# Hacettepe University

## Department of Mathematics

### GENERAL SEMINAR

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**Oğuz Şavk**

Boğaziçi University  
Türkiye

#### **The Homology Cobordism Group**

Since the 1980s, the homology cobordism group has been a central object in the development of low-dimensional topology. In this talk, we will discuss its historical roots, present our current knowledge about its algebraic structure, and state open problems about the behaviors of homology spheres.

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November 16, 2022  
Wednesday



20:00



Zoom Link: <https://us06web.zoom.us/j/86244887882?pwd=MnNtcEJKY3c2RU9WYmNxWjF1MnNRdz09>  
Meeting ID: 862 4488 7882  
Passcode: 545231