

# Topology Seminar

**Adeel Khan**

of IHES will be speaking on

## Derived cycle classes

on September 28 at 4:30 in  
MIT Room Zoom

Let  $X$  be a smooth complex algebraic variety. In contrast with the situation for the singular homology groups  $H_*(X)$ , the construction of intersection products on the Chow groups of  $X$  is subtle due to the comparative difficulty in transverse intersections. I will explain one way to deal with this problem by considering cycle classes that come from der

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