

# ALGEBRA SEMINAR

## *Algebraic structure of Hochschild complexes and geometric applications*

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ABSTRACT: This talk will discuss some of the known and unknown algebra structure of Hochschild complexes, including their higher analogues, defined in various contexts. I will also explain how these algebraic structures can be used to construct certain geometric invariants, such as the (higher) holonomy of a connection.

MONDAY, FEBRUARY 13, 2012  
1:40 – 2:30 PM  
ROOM 617, WACHMAN HALL  
DEPARTMENT OF MATHEMATICS