

# TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

**Walter Neumann**

Barnard College, Columbia University

will speak on

## **Hilbert's 3rd problem and invariants of 3-manifolds**

ABSTRACT: This talk will describe the status of Hilbert's third problem on equidecomposability of polytopes, whose solution by Dehn in 1900 led to refinements that remain unsolved and that have interesting links with invariants of 3-manifolds.

MONDAY, OCTOBER 24, 2005

LECTURE AT 4:00 PM (#)

COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM.

ROOM 617, WACHMAN BUILDING  
DEPARTMENT OF MATHEMATICS