

# TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

**John Dawson**

Pennsylvania State University

will speak on

## **Kurt Gödel: A Centennial Survey of his Life and Work**

ABSTRACT: Kurt Gödel (1906-1978) is widely considered to have been the greatest mathematical logician of the twentieth century. This talk will survey his life and place his most important works in context, including the completeness of first-order logic, the incompleteness of formal number theory, his relative consistency results in axiomatic set theory, and his contributions to relativistic cosmology and to philosophy (Platonism, and the mind/ mechanism debate).

MONDAY, OCTOBER 30, 2006

LECTURE AT 4:00 PM (#)

COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM

ROOM 617, WACHMAN BUILDING  
DEPARTMENT OF MATHEMATICS