DEPARTMENT OF MATHEMATICAL SCIENCES
Muhlenberg College
Allentown, PA

The Department of Mathematical Sciences Cordially Invites You
To a Colloquium

By

Dr. William Dunham
Department of Mathematical Sciences
Muhlenberg College

The Early History of Calculus

The study of calculus lies at the heart of the mathematics major, yet many students have little knowledge of the subject's origins. In this 30-minute talk, we meet the 17th century creators of the calculus — Newton and Leibniz — and sample from the world's first calculus textbook, l'Hospital's *Analyse des infinitement petits* of 1696. We conclude with a few words, and one spectacular example, from Euler, the 18th century calculus master.

NOTE: This talk should be accessible to anyone at the level of Calculus II or above.

DATE: Thursday, March 31, 2005
TIME: 4:30 p.m.
PLACE: TR 125

Snacks will be served at 4:15 p.m. in TR 125.