

THE MATHEMATICS DEPARTMENT PRESENTS

A MATHEMATICS COLLOQUIUM

MONDAY, January 14, 2008

BOND HALL 227

4:00 pm

**Title: Spaces with Symmetry: Orbifolds and Equivariant
Homotopy**

Speaker: Laura Scull, UBC

Abstract: The theory of orbifolds and that of equivariant homotopy both try to understand spaces which have symmetry, and both fields often wind up describing the same phenomena. Traditionally, however, the definitions and viewpoints of the two approaches have been quite different. I will try to describe how each views the subject, and talk about making a closer connection between them. This is joint work with Dorette Pronk from Dalhousie University.

Refreshments will precede the talk at 3:30pm in Bond Hall 300
courtesy of Teresa Sherwood.