

Time: Tuesday May 3rd, 2011 10:30am

Location: Buchanan A202

### **Counting and Enumeration Techniques**

Thomas Wong, University of British Columbia

Enumeration is the branch of mathematics that deals with questions beginning with “How many...”. The main focus of this talk will be to discuss the use of generating functions as a means of constructing, counting, and encoding information about combinatorial classes. These ideas will be applied to the family of Baumslag Solitar groups where the counting problem ranges from trivial to very difficult depending on the parameters.