

## *Weekly Student Noon-Hour Seminar*

•  
**Brandon Fuller**

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### **DATE**

**Friday**

**April 5, 2013**

### **TIME**

**1200-1250 pm**

### **LOCATION**

**B650**

### **STRONGLY HAMILTONIAN IN CAYLEY GRAPHS**

Abstract: A graph is a set of vertices (points) with edges (lines) drawn between them. Graphs are basic in concept, but have a lot of amazing mathematical properties that when looked into, can solve very interesting real world problems that would be difficult to solve otherwise. In the talk, we will define some basic definitions of graphs and touch on groups, building our way to a remarkable theorem on Cayley Graphs proved in a paper by C.C. Chen and N.F. Quimpo. (No prior knowledge of the subject matter is required).

OPEN TO ALL INTERESTED PERSONS

