

# Mathematics Student Colloquium

**Prof. Lee Mosher**

## **Ping-Pong**

*Abstract: A famous argument known as the “ping-pong argument” can be used to prove that certain groups arising in geometry have free subgroups. I will talk about the ping-pong argument in general, and its specific application to the mapping class group of a surface.*

**Wednesday, April 11**

**4:30-5:30pm**

**204 Smith Hall**

**Please note special time**