

UNDERGRADUATE STUDENT SEMINAR

Several of our undergraduate students received NSERC USRAs this summer, and have been working diligently on various problems for the past fourteen weeks. In this seminar, some of these students will give talks centred around their summer research. All department members are invited to attend any of these talks.

Friday, August 16

2:00 - 4:30

Math Lounge (CW 307.20)

- 2:00 **Adam Gorr & Rachelle Lee**
A Proof That $SL_n(\mathbb{Z})$ Is Finitely Generated
- 2:30 **Tara Petrie**
Characterizing Graphs with $n - 1$ Distinct Eigenvalues
- 3:00 **Adam Dyck**
Erdős-Ko-Rado Theorems for Subpartitions
- 3:30 **Drew Johnstone**
Mapping a Torus to a Sphere
- 4:00 **Larissa Richards**
Percolation & The Cardy-Smirnov Formula