

## **Summer Research Student Seminars**

### **These are in order of recent to past...**

#### **Aug. 21, 2018**

Jasmine Pinksen, "Boreal forest moth community structure and the affects of clear cutting on it" (Drs. Julie Sircom and Joe Bowden)

Dylan Ruth, "Hawking radiation and particle physics" (Dr. Aleks Aleksejevs)

Malhar Mukhopadhyay, "Non-representability of Vasmos matroid" (Prof. Yevgeniy Vasilev)

#### **Aug. 14, 2018**

Megan Clarke, "Scavenging rates of carcasses following bird-window collision in Western Newfoundland" (Drs. Erin Fraser and Ian Warkentin)

Ashley Locke Ashley, "The use of solar warming and cow manure in the bioremediation of hydrocarbon contaminated soils." (Dr. Mano Krishnapillai)

Waqar Ashiq "The evaluation of biochar potential for the mitigation of Nitrogen and gaseous losses from dairy manure-based silage corn cropping systems" (Dr. Mumtaz Cheema)

#### **Aug. 7, 2018**

Chameera Illawathure, "Ground penetrating radar for simultaneous monitoring of soil and water table depths in agricultural lands" (Dr. Lakshman Galagedara)

Erin Kendall and Ashley Critch, WISE presentation (Dr. Svetlana Barkanova)

#### **July 31, 2018 NEED LAST NAMES**

**Abby**, "Population dynamics modelling with ordinary differential equations" (Dr. Olga Vasilev)

**Mallory**, "Optimizing the experimental design of the MOLLER experiment" (Dr. Aleks Aleksejevs)

**Reefat**, "Dispersion approach in loop calculations" (Dr. Svetlana Barkanova)

#### **July 24, 2018**

Brittany Pittman, "Parallelism graphs of combinatorial designs" (Dr. Robert Bailey)

Nicolas O'Neill "Optimizing the experimental design of the MOLLER experiment" (Drs. Aleks Aleksejevs and Svetlana Barkanova)

#### **Aug. 30, 2017**

Mohammad Nazrul Islam, "Community Based Renewable Energy and Rural Resiliency: A case study in Newfoundland and Labrador" (Dr. Kelly Vodden)

#### **Aug. 23, 2017**

Kamaleswaran Sadatcharam, "Near surface investigations of agricultural soil using a multi-frequency electromagnetic sensor (GEM-2)"

**Aug. 16, 2017**

Abdul-Rahim Abdulai, “Motivating the Farmer: Interventions for Attraction and Retention in NL in Perspective” (Dr. Roza Tchoukaleyska)

**Aug. 9, 2017**

Brennan Lowry, “Using sustainability indicators for participatory rural governance” (Dr. Kelly Vodden)

**Aug. 2, 2017**

Michelle Gosse, “Lyocell as product diversification at CBPPL”

**July 26, 2017**

Courtney Weir, “Exploring Misère Games”

Margaret Buhariwalla, “A Particle Physics Solution to the Dark Matter Problem”

Alejandra Fuentes Nunez, “Searching for new physics in B-meson decays”

Rebecca Ryan, “The chip firing game”

**July 20, 2017**

Shihao Wu, “The search for new physics” (Drs. Aleks Aleksejevs and Svetlana Barkanova).

**July 12, 2017**

Dylan Ruth, “Cosmic Ray Spark Chambers” (Drs. Aleks Aleksejevs and Svetlana Barkanova)

Brittany Pittman, “The Watchman's Walk Problem on Graphs” (Drs. Rebecca Milley and Jared Howell)

Nathan Sheppard, “Beyond the Standard Model - The Search for New Physics” (Drs. Aleks Aleksejevs and Svetlana Barkanova)