

First WITP Summer Symposium

30 Aug 2012, Manitoba Hall Board Room, Univ of Winnipeg

Research talks will be 30 minutes, including time for questions.

9:30 Welcome

9:45 *Tim Taves* “Review of Gauss-Bonnet Gravitational Collapse”

10:15 *Nils Deppe* “Critical Phenomena in Einstein-Gauss-Bonnet Gravity in Painleve-Gullstrand Coordinates”

10:45 Coffee Break

11:00 *William Grafton* “Intermediate Value Theorem for Power Series on a non-Archimedean Field Extension of the Real Numbers”

11:30 *Jarrett Beck* “Antiferromagnetic Ising Model on the Sorrel Net”

12:00 Lunch

13:30 *Nick Reid* “Cosmological Constraints on New Dark Matter Models”

14:00 *Josh Jung* “Angular Dependence of FMR Measurements in Exchange Coupled NiFe/NiO Bilayers: Experiment and Theory”

14:30 Break

15:00 *Dallas Clement* TBA

15:30 *Ian Russell* “Feynman Integral Equations Using Mathematica”

16:00 Break

16:30 *Travis Redpath* “Spin Ice on the Hyper-kagome Lattice Including Dipolar Interactions”

17:00 Conclusion

