



**WITP Summer Student Symposium 2019**  
 August 28, 2019, Room 3M69, University of Winnipeg

9:00	<i>Coffee/Refreshments</i>	
9:10	Dr. Tabitha Wood	Welcome Address
9:20	Bassel Alkadour	<i>A simulation study of intra-and inter-particle magnetism in triangular arrays of maghemite nanoparticles</i>
9:40	Brad Cownden	<i>A Perturbative Theory for Periodically Driven Scalars in Global AdS</i>
10:00	Neil Doerksen and Austin MacMaster	<i>Neutron Star Collision in X-ray Vision</i>
10:30	<i>Coffee Break</i>	
11:00	Sofiya Makar	<i>Non-perturbative scalar theories: convergence of the thermodynamic pressure</i>
11:20	Brett Meggison	<i>Using 3-D QED to describe Anisotropic Graphene</i>
11:40	Cole Treyturtik	<i>Using Nucleosynthesis to Unveil the Origins of Supernova Remnants</i>
12:00	<i>Lunch &amp; Poster Session</i>	
13:30	Paul Mikula	<i>Non-equilibrium approach to holographic superconductors using gradient flow</i>
13:50	Michael Ramsay	<i>Building Tools for Supernova Remnant Research</i>
14:10	Cole Coughlin	<i>Galaxy Interactions and Active Galactic Nuclei</i>
14:30	<i>Snack Break</i>	
14:50	Andrew Urichuk	<i>Transport properties of integrable systems</i>
15:10	Mainak Singha	<i>First Systematic Characterization of AGN driven ionized outflows</i>
15:30	Kyle Monkman	<i>Entanglement and Topology of Multileg Su-Schrieffer-Heeger Chains</i>