

Invitation email:

The Physics and Astronomy Graduate Executive (**PAGE**) is **having an online conference on June 23 from 10 AM - 1 PM** highlighting some of the research being done here at York by our graduate students. We would love it if you could join us to learn about some of this research which ranges from astronomy, planetary physics, atomic and molecular physics, photonics and more!

The event is **open for all undergraduate and graduate students, and professors!** It will be a great opportunity to learn physics outside your immediate interests and catch up with colleagues as well.

There will also be a special talk from Dr. Hugh Podmore, a PhD alumni of York U and Senior Optical Systems Engineer at Honeywell on the work he is doing on the Quantum Encryption and Science Satellite (QEYSSAT).

Information on how to join is below.

The schedule of the Conference is as follows:

Note: each talk is 10 mins + 3 mins Q/A

Duration time [min]	Event
15 (prior to conference)	Coffee + mingle
5 (10 AM)	Welcome
65	<ol style="list-style-type: none">1. Development of an optical phased array for next generation inter-satellite optical links (Akash Chauhan)2. Coherent emissions in warm alkali vapour (Alex Pouliot)3. Modeling the energy surface and melting like transition in Cluster (Anirudh Krishnadas)4. Precision Microwave Spectroscopy of the 2 Triplet P J=0 to J=1 Transition in Atomic Helium (Taylor Skinner)5. Modeling of Exoplanet Exospheres (Justin Kerr)
10	Coffee break
15 (11:20 AM)	Special Guest speaker: Dr. Hugh Podmore
53	<ol style="list-style-type: none">1. Water-Ice Cloud Thermal Effects at the Phoenix Mission Landing Site (Grace Bischof)2. When crystal harps play cosmic symphonies: growing ultrapure argon crystals for a precision measurement of the electron's electric dipole moment (Neil McCall)3. Small-scale topography and the temperature distribution of permanently shadowed regions on the Moon (Conor Hayes)4. Making Measurements of Moving Microscopic Masses... in an Optical Dipole Trap (Gehrig Carlse)

5	Judging results : removed
5	Closing remarks