



November 7, 2018

Dear High School Physics Teacher,

Each year, we hold an evening event where we invite local teachers to come to campus for dinner, drinks and talks. The goal is two-fold. First, it provides a chance for interaction and discussion amongst science educators. Second, it gives us a opportunity to showcase some of the cutting-edge physics research being done here at York. Such an opportunity is especially important for us, since we hope to attract your students to consider York for their university education.

The theme for this year's event will be "*From gigaparsecs to attometres: Dark matters in the Universe.*" We are very excited to have three professors from the Department giving the following short talks on their research:

Dr. Adam Muzzin – Evidence for Dark Matter on the Largest Scales
Dr. Wendy Taylor – Searching for Dark Matter in the Laboratory
Dr. Sean Tulin – The Shape of Dark Matter

The event will take place on Wednesday, December 5, 2018 in room 320 Norman Bethune College (Paul A. Delaney Gallery). As in previous years, there will be a collection of books free for the taking. We will begin the evening with hors d'oeuvres and drinks at 5:30 p.m., Dinner will be served from 6:00 - 7:00 p.m. During this time the presentations will be made. We will conclude the evening with dessert and an opportunity for high school teachers and York University physics professors to informally share and exchange ideas.

This event also coincides with the weekly public viewing night at the Allan I. Carswell Astronomical Observatory (see <http://observatory.info.yorku.ca/join-us-Wednesday/>). You are invited to participate in the public viewing night directly after the event if you are interested.

Please take the time to register on-line and reserve your spot for this event by November 27, 2018 at the latest. To register, and for all logistical details, please consult the Department of Physics and Astronomy website at:
<http://www.physics.yorku.ca/evening-for-high-school-teachers/>

Complimentary parking will be provided at the Arboretum Lane Parking garage. Collect a ticket at the garage entrance, then proceed through the gates and park. We will provide an exit pass upon registering at the event location.

If you have questions about any aspect of this event, please contact us using the information at the top of this page. We sincerely hope you can join us and look forward to seeing you on December 5, 2018.

A handwritten signature in blue ink that reads "M. L. McCall".

Professor Marshall McCall
Chair, Department of Physics and Astronomy
On behalf of the Organizing Committee

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