



uOttawa



RE: Canadian Association of Physicists (CAP) 2016 Congress - Physics Teachers' Workshop

To: Local high school principals, CEGEPs, and science teachers

It is my pleasure to invite our area high school and CEGEP science teachers to the CAP 16th annual Physics Teachers' Workshop which will be held on Tuesday June 14, 2016 at the University of Ottawa as part of the CAP's 2016 Congress. This exciting and informative workshop will give our local CEGEP and high school teachers access to world experts in physics, new learning techniques, and educational resources aimed at improving the learning experience.

Canada has demonstrated that it can be a world leader in physics research, but to increase its international impact and remain competitive, innovative and productive, we need a workforce literate in science and technology and our teachers are the most effective way to accomplish this goal. This workshop provides an important link between the scientific community and our local teachers, giving visibility to local scientific success stories and supporting both formal and informal science education.

The day will feature a full roster of workshop activities and speakers, including tours of the University of Ottawa's advanced biophysics and photonics research laboratories. Registration for this workshop is only \$10 for teachers and covers parking, lunch, all materials and activities, and access to all the CAP Congress events and lectures

(<https://www.cap.ca/en/congress/2016>) held from June 13th - 17th. Each teacher will also receive a certificate for their participation in this event.

Draft Schedule

Time	Activity
8:15 am	Meet and Greet, Coffee, and Registration
8:45 am	Welcome and Introduction
9:00 am	Invited Physicist Research Lecture
10:00 am	Coffee Break
10:30 am	CAP Undergraduate Teaching Award Talk
11:00 am	Hands-on workshop by the Perimeter Institute
12:30 pm	Buffet Lunch and Physics Outreach Discussion
1:30 – 3:00 pm	Hands-on undergraduate lab activities
2:30 pm	Participation Certificates given out
3:00 pm	Tours of labs in the Advanced Research Complex
3:45 pm	Coffee Break
4:15 pm	CAP High School Physics Teaching Award Talk
4:45 pm	Trends and challenges in teaching physics: panel discussion


Extended Day Activities (Open to all Attendees)	
5:15 pm	Visits to the Observatory and uOttawa Makerspace (3D Printers)
6:00 pm	Free time for dinner at local restaurants (meal not included in fee)
7:00 pm – 10:00 pm	CAP Congress Poster Session, with beer (one complimentary beverage included)
7:30 pm – 8:00 pm	Jobs in Physics: Industry meet and mingle for teachers and students

Please register at https://www.cap.ca/CAP_Meetings/default.aspx

Select **Register** then **Non-member, HS Teacher**. You will have the option of registering for either the Teachers Day only, or extending your registration to include the full CAP Congress if you are able to attend events on other days. Once you have made your selection, a list of associated events will be displayed. Please review and select any event that you are interested in attending even if they are listed in the time table above (e.g. poster session) so that tickets, if required, are included in your registration package.

If you have any questions please do not hesitate to contact me.

Sincerely,



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We acknowledge the generous support of:

