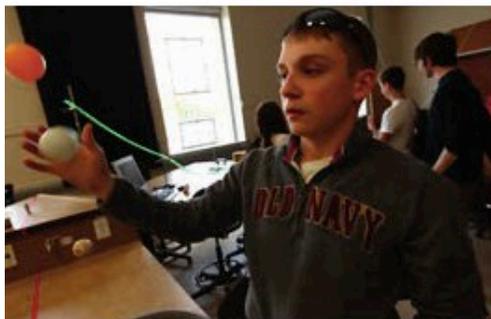


Dalhousie University

DISCOVER PHYSICS DAYS



MAY 14-18, and 22-23, 2018
(10:00 – 12:40 pm or 1:00 – 3:40 pm)

Department of Physics and
Atmospheric Science, Sir James Dunn
Building, Dalhousie University



FREE to Grades 6–12

Teachers are invited to bring their students to learn more about physics and atmospheric science.



Testimonial

"I just wanted to thank you again for the wonderful opportunity Dalhousie has given my grade 9 students. We all very much appreciated our visit and is an experience I'm sure many of them will never forget. Your sessions were interesting and very well organized."

Courtney James, Ecole ESPE

During the workshop, you and your students will rotate through all of the following activities. Choose a morning session (10:00 am. – 12:40 pm) or afternoon (1:00 – 3:40 pm). Register Early – Space Is Limited.

Discovery Room

Explores physics in action with several hands-on activities, including air flow over balls, freezing motion with a strobe light, recording the intricate motion of coupled pendula, acoustics of the voice, and more.

Earth Sphere

This 2m diameter sphere projects detailed images of Earth's atmosphere, oceans and underlying crust - as seen from space. The dynamics of weather systems, atmospheric composition, ocean currents, geologic formations, etc. are presented; based on satellite data. Some direct demonstrations of atmospheric and climate physics.

Liquid Nitrogen Show

A unique set of demonstrations of the behaviour and properties of matter – mechanical, electrical, magnetic - at COLD temperatures (77°K / -196°C). Included are such effects as making a green salad with a hammer, ringing a lead bell, liquefying oxygen and superconductivity. Students will learn about properties of liquids and gases.

Halifax Planetarium

Dalhousie maintains Nova Scotia's original, permanent and popular planetarium; over 3,000 people visit it yearly. This show takes students on a tour of the changing night sky, including constellations currently visible and the sky they cannot see from Nova Scotia. Objects of astronomical significance – planets, stellar objects, etc. – are presented via slides.

REGISTRATION BEGINS

Thursday, March 1, 2018

For more information and registration, contact:

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Email: jackie.white@dal.ca

Visit our website:

dal.ca/science-discovery-days



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