

From: Michael Jones mdj@phys.hawaii.edu
Subject: Student Enrichment Opportunity
Date: November 11, 2019 at 6:08 AM
To: aaphawaii-l@lists.hawaii.edu



The links in the message below probably won't work. Contact Mary Kadooka if you are interested.

Michael Jones

----- Forwarded message -----
Date: Wed, 6 Nov 2019 14:35:28 -1000
From: Mary Kadooka <mkadooka@gmail.com>
To: mdj@phys.hawaii.edu
Subject: Fwd: Student Enrichment Opportunity

Please forward to AAPT gang..Thanks!

Sent from my iPad

Begin forwarded message:

From: "Greg Dick" <contact@perimeterinstitute.ca>
Date: November 4, 2019 at 6:17:01 AM HST
To: mkadooka@gmail.com
Subject: Student Enrichment Opportunity
Reply-To: contact@perimeterinstitute.ca

Plus - don't miss our upcoming webcast on the hunt for habitable planets.

Perimeter Institute Logo

Outreach Header Image

Student Registration Now Open

GoPhysics! Logo

From November 15-December 2, Perimeter will offer two free enrichment courses for grade 10-12 students on Gravity and the Quantum World. Students work through the online courses at their own pace and will receive feedback from our course instructor when they submit assignments.

Please share the full course details and registration form with your students.

Quantum to Cosmos

Quantum to Cosmos Gif

Can you visualize the size difference between the Planck length and the observable universe? Use our interactive tool to zoom from one extreme to the other ? all without leaving the comfort of your home or classroom!

Process of Science

New Resource Image

The Process of Science, launched in 2013, remains one of our most downloaded resources. Explore the creative and collaborative process of scientific discovery via 6 classroom activities, 4 cases studies, and 9 short animated videos - plus a full teacher's guide and modifiable worksheets. Free to download in English, French, and Portuguese.

Lecture Webcast

Elizabeth Tasker
IMAGE CREDIT | KEN YAN PHOTOGRAPHY

Homes away from home
Elizabeth Tasker, Japan Aerospace Exploration Agency

Watch the live webcast on Wednesday, Nov.6 at 7 PM ET

Since the discovery of the first exoplanets in the early 1990s, we have detected more than 4,000 worlds beyond our solar system. Many of these are similar in size to our Earth, leading to an obvious question: could any be habitable?

On November 6, astrophysicist and author Elizabeth Tasker will take audiences for a speculative stroll through a few of the alien worlds we've discovered in the galaxy, and ponder whether someone else may already call them home. Read more ?

The Nobel Prize has a mischievous twin...

The 2019 Ig Nobel Prize in Physics went to a team of researchers who sought an explanation for a question we've all puzzled over: why do wombats make cube-shaped poop? Image of wombat

The Nobel Prize is the most prestigious prize in science, awarded annually to researchers who have expanded our understanding of the world.

Somewhat less prestigious, but much more hilarious, is the Ig Nobel Prize, which celebrates research that has expanded the outer fringes of scientific pursuit.

This month's Slice of PI takes a look at some especially funny and fascinating winners of the Ig Nobel Prize in Physics.

[IMAGE]

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