

# ANNOUNCEMENTS

Week of October 16th

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*Congratulations to Professor Pierre Agostini,  
winner of the 2023 Nobel Prize in Physics!*





## Upcoming Events

**October 16th-20th-** PRB rooms 1080 and 4138 will not be in use from October 16th through 20th. They will be closed for AV renovations.

## Upcoming Colloquia & Seminars

**10/16/23** Nuclear Seminar- Saad Nabeebaccus- The Exclusive Photoproduction of a Photon-Meson Pair with Large Invariant Mass as a New Probe to Study GPDs. [More information](#)

**10/16/23** Quantum Matter Seminar- Jeff Rau- Pseudo-Goldstone Modes and Order-by-Disorder. [More information](#) **NOW IN 4138 PRB**

**10/17/23** Fall 2023 Colloquium Series- Dr. Maria Zurek- Journey to Unveil Proton Spin Structure: From Current Insights to the EIC Frontier. [More information](#) **NOW IN 4138 PRB**

**10/18/23** ENCOMM Seminar- Salva Salmani-Rezaie- Polar Instabilities in Locally Polar Superconductors. PRB 4138, 3:00- 4:00 pm.

**10/20/23** Nuclear Seminar- Agnieszka Sorenson- Using Flow Observables from RHIC... [More information](#)

**10/24/23** Fall 2023 Colloquium Series- Tristan Duke- Glacial Optics: Cold Cutting Edge. [More information](#)

**10/23/23** Quantum Matter Seminar- Rahul Nandkishore- Ergodicity Breaking in Quantum Dynamics. [More information](#)

**10/23/23** Biophysics Seminar- Shannon Yan- Live Cell Force Dynamics- Do Cell Membranes Support or Resist Tension Propagation? [More information](#)

**10/23/23** Biophysics Seminar- Archie Bhullar- Fluorescent Microscopy at the Diffraction Limit Characteristics... [More information](#)

**10/23/23** Biophysics Seminar- Yin Wei- Building DNA Nanodevice Using Custom Scaffold for DNA-Protein Complex Studies. [More information](#)

**10/23/23** Nuclear Seminar- Zhen Wang- TBA

**10/25/23** ENCOMM Seminar- Shamsul Arafin- Site Controlled InGaN/GaN Quantum Dots in GaN Nanowires for Single Photo Emission. [More information](#)

**10/31/23** Fall 2023 Colloquium Series- Kim Budil- National Security, Fusion Futures, and Disruptive Technology- A View from the LLNL. [More information](#)

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## Full Department

Congratulations to [Professor Pierre Agostini](#), who was awarded the 2023 Nobel Prize in Physics! The Nobel Prize in Physics was awarded to Pierre Agostini, Ferenc Krausz and Anne L'Huillier for their experiments that “have given humanity new tools for exploring the world of electrons inside atoms and molecules.” [Read more](#)

**Giant Orbital Hall Effect Observed!** In a new breakthrough, researchers, including **Professor Roland Kawakami**, have used a novel technique to confirm a previously undetected physics phenomenon that could be used to improve data storage in the next generation of computer devices. [Read more](#)

Our department will be hosting a **"Beat Michigan" blood drive** on Wednesday, November 1st, 2023, from 9:00 am- 3:00 pm, at 191 W Woodruff. Students have the chance to **win** a \$1,000 scholarship (for the college with the most participation), along with other fun incentives like a 'Blood Battle' t-shirt and \$5 rooster bucks! Our goal is to get **20-25 donors** for this event, and you can sign up to give blood now through [this link](#).

Versiti Blood Center of Ohio is also hosting an Instagram Sweepstakes\* from now until October 17<sup>th</sup> that gives their followers a chance to win **2 tickets to The Ohio State University vs. Penn State University football game** on Saturday Oct. 21<sup>st</sup>! All you have to do to enter is make sure you're following @versitibloodcenterofohio, and comment #OSUBloodBattleSweepstakes on the following post: <https://bit.ly/3rQhPbQ>.

## Faculty

The Center for Quantum Information Science and Engineering (CQISE) is excited to announce that the Partnership Seed Award (PSA) is now live and accepting applications. [More information](#)

Are you planning to take someone to the Faculty Club or Blackwell Bistro for a business meal? If so, please share the **details**, *such as business purpose, worktags, and attendees' names*, with your **Administrative Assistant** before the event.

And Reminder: tips are not allowed to be given at the Faculty Club per college policy and return itemized receipt to you Administrative Assistant.

## All Students

The Institute for Optical Science and the Department of Physics welcome you

to a **student social** with **National Lab Director Dr. Kim Budil!** Join us in the Physics Research Building Atrium on Tuesday, **October 31st from noon to 1:30 PM** for a chat with Dr. Budil. Kim Budil is the **first woman in history** to hold this position! Join us to meet Kim & The Optica Student Chapter at Ohio State! [More information](#)

### Graduate Students

We warmly invite you to the upcoming **Graduate Women in Science Career Panel** scheduled for **October 18th, 2023**, from **5:15 PM to 7:30 PM**. The event will be hosted in **Room 280** of the Interdisciplinary Health Science Center (IHSC) and is open to all graduate students (including men).

This panel will feature accomplished women professionals representing diverse scientific career paths, offering valuable insights and perspectives. Food and beverages will be provided.

Please use [this link](#) or scan the QR code to confirm your attendance.

### Undergraduate Students

**Undergraduate socials** are back! Join us once a month on Thursdays from 2-3 PM in the PRB commons for food, drink, games, and socializing with your fellow physics majors. Our next event will be our Halloween Party on **this Thursday, October 19th**. You can sign-up for the costume contest through [this link](#). We hope to see you there! [More information](#) on our social media @osuphysics.

***Submit your news items to [scopel.6@osu.edu](mailto:scopel.6@osu.edu) by 5pm, Thursday.***

Follow us on all social media platforms: [Facebook](#), [Instagram](#), and [Twitter](#)



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