

ANNOUNCEMENTS

Week of October 23rd

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





Upcoming Events

October 31st:

12 PM: Student Pizza Social with Kim Budil, Atrium/Commons, PRB

3 PM: Faculty Reception with Kim Budil, North Atrium, PRB

3:45 PM: Colloquium with Kim Budil, 1080 PRB

Upcoming Colloquia & Seminars

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- Measuring QGP Temperature via Thermal Dielectrons at RHIC-STAR. [More information](#)

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

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

10/27/23 Nuclear Seminar- Agnieszka Sorenson- Using Flow Observables from RHIC... [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](#)

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 17th that gives their followers a chance to win **2 tickets to The Ohio State University vs. Penn State University football game** on Saturday Oct. 21st! 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

Faculty reception with visiting speaker, Kim Budil! Join us in welcoming the Director of Lawrence Livermore National Lab with a reception before her colloquium. This event will take place at the North end of the PRB Atrium at 3:00 PM, is open to all faculty, and refreshments will be provided.

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 your 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](#)

**STUDENT SOCIAL
WITH NATIONAL
LAB DIRECTOR**

Tuesday, Oct. 31, 2023
Noon - 1:30pm
Chat with Kim Budil

**PIZZA & DRINKS IN ATRIUM
PHYSICS RESEARCH BUILDING**

The Inst. for Optical Science & Dept. of Physics welcome the Director of Lawrence Livermore Nat'l Lab, Kim Budil. Budil is the **FIRST WOMAN** in history to hold this position! Join us to meet Kim & learn about the Optica Student Chapter at Ohio State!

Hosted by

 **THE OHIO STATE UNIVERSITY**
INSTITUTE FOR OPTICAL SCIENCE

 **THE OHIO STATE UNIVERSITY**
DEPARTMENT OF PHYSICS

Submit your news items to scopel.6@osu.edu by 5pm, Thursday.

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Department of Physics

Physics Research Building | 191 W. Woodruff Ave | Columbus, OH, 43210

<https://physics.osu.edu/> | physics@osu.edu

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