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Yale Physics



Week of October 15-21, 2023

Events

Tuesday, October 17

5:00 pm **October Recess through 8:20 am on October 23rd**

Wednesday, October 18

10:30 am **Physics Dissertation Defense:** *Improving the Coherence of Superconducting Quantum Circuits through Loss Characterization and Design Optimization*, Suhas Ganjam, Yale University, YQI Seminar room + zoom.
Thesis committee: Rob Schoelkopf (advisor), Michel Devoret, Leonid Glazman, and Peter Rakich.

4:00 pm **Department of Chemistry Seminar:** *Dark Matter of the Human Proteome*, Sarah Slavoff, Yale University, SCL 160.

Thursday, October 19

1:00 pm **Condensed Matter Theory Seminar:** *Taming heating and energy dissipation in slowly driven topological systems*, Iliya Esin, Caltech, SPL 51.

Friday, October 20

11:00 am **Elusives Journal Club:** *Title To Be Announced*, Tom Penny, Yale University, WLC 245. Hosts: Xiran Bai and Eleanor Graham.

Saturday, October 21

4:00 pm **The Departments of Molecular, Cellular and Developmental Biology, Microbial Pathogenesis, Immunobiology, Comparative Medicine and Pharmacology Talk:** *From yellow fever to hepatitis C and back...and beyond*, Dr. Charles Rice, Nobel Laureate, Rockefeller University, Marsh Lecture Hall. Hosts: Valerie Horsley, Anna Marie Pyle and Andrew Goodman. Reception to follow.

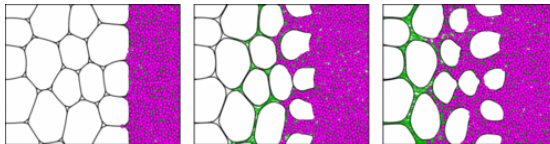
[More events](#)

News



Hoodie Ceremony & Nobel Prize Lecture

On Monday, October 9, 2023, the Yale Physics Department held its annual undergraduate hoodie ceremony along with the second annual Nobel Prize in Physics Lecture.



Researchers Find Clues in Obesity's Impact on Breast Cancer

A significant amount of research suggests that obesity advances the progression of breast cancer. Exactly why it has this effect, though, isn't well understood.

[More news](#)

Community

Climate and Diversity Committee News

FLY & ANY Tea Ceremony

Wednesday, October 18th • 3 - 4 PM
Luce Common Room, 34 Hillhouse Ave.

Please join the Future Leaders of Yale (FLY) and Asian Network @ Yale (ANY) to discover the wonderful atmosphere of a traditional Chinese tea ceremony with The Green Teahouse Managing Partner Ting Luo and find out what the art of drinking tea really means. Admission is \$5 per ticket. [Sign up here](#).

Mindfulness-Based Strengths Practice

Tuesdays, October 24 to December 19 | 12 – 1 PM | Zoom

Mindfulness-Based Strengths Practice is an eight-week, interactive program which focuses the power of mindfulness on personal character strengths. The purpose is to train participants on both mindfulness and character strengths practices and to learn how each enhances the other. This synergy can then be used to create one's best life and to better navigate challenges. [Please register in advance](#).

If interested in joining the CDC, please contact Rona Ramos, Chair of CDC. You may contact the whole committee at physics-cdc@mailman.yale.edu.

Lost and Found

Reminder, there is a Lost and Found box in the Chair's Office. [Please check our flickr album](#) to

see what has been collected over the last AY. If you have an item go missing or think you have left it behind somewhere, please check with Kirstin or Jen in the Chair's Office (SPL 34).

Community News



Welcome Camille Simeone

Camille is joining the Department of Physics on October 16, 2023, as a Senior Administrative Assistant. She comes to Yale from the University of Michigan, where she worked for the Unit for Laboratory Medicine. Camille holds a BFA from the University of the Arts in Philadelphia, where she majored in Animation. If approached, Camille will speak about the Disney Renaissance at great length and with gusto.

Outside of work, Camille enjoys musical theater, learning to crochet, and a good whodunnit.

Outreach



Girls' Science Investigations

The mission of GSI is to motivate, empower, and interest girls in developing the skills they need to pursue careers in science. GSI will have two events this year. The first, "The World of Light" will be held **Saturday, November 4th from 9 a.m.-1:30 p.m.** In this session, middle schoolers will learn all about particles and light, participate in hands-on activities, and watch a demo show. Volunteers of all genders are welcome! [Sign up here.](#)

COVID-19 Update

[Yale COVID-19 Information](#) - including updates on [testing](#) and [vaccinations](#).

Opportunities

Faculty Opportunities

[Faculty position in Radiation and Nuclear Physics - University of Memphis \(deadline **October 20, 2023**\)](#)

Associate/Full Professor, Experimental Atomic, Molecular, and Optical Physics - Yale University (deadline November 1, 2023)

Assistant Professor in Quantum Information Science - UC Berkeley (deadline **November 13, 2023**)

Assistant Professor position in the fields of Neutrino Physics, Particle Astrophysics, Cosmology and Gravitational Waves - UC Riverside (deadline **November 19, 2023**)

Tenure-track faculty position in Quantum Condensed Matter Theory- Brown University (application deadline **November 30, 2023**)

Tenure-Line Faculty hire in Experimental Dark Matter/Neutrinos - Brown University (application deadline **March 15, 2024**)

Two tenure-track Assistant Professor positions in experimental physics - Illinois Wesleyan University

Faculty positions in experimental and theoretical physics - King Fahd University of Petroleum and Minerals, Physics Department

Postdoctoral Opportunities

Postdoctoral Research Scientist, Experimental High Energy Physics - Yale University (deadline October 13, 2023)

Dicke Fellow - Princeton University (deadline **October 20, 2023**)

2024 Yale Quantum Institute Postdoctoral Fellowship - Yale University, YQI (deadline October 29, 2023 at 11:59pm ET)

2024 Yale Prize Postdoctoral Prize Fellowship - Yale University (deadline October 31, 2023)

Yale Center for Astronomy & Astrophysics Postdoctoral Fellowship - Yale University (deadline November 3, 2023)

2024 Postdoctoral Fellowships - Perimeter Institute (deadline **November 6, 2023** for positions to start in September 2024.)

Linus Pauling Postdoctoral Fellowship- Pacific Northwest National Laboratory (deadline **November 9, 2023**)

Yale Mossman Fellowship - Yale University (deadline November 15, 2023)

Edwin Thompson James Fellowship- Washington University in St. Louis (deadline **November 15, 2023**)

Postdoctoral Associate in Experimental Cosmology - Yale University (deadline December 15, 2023)

Postdoc Position in Theoretical Condensed Matter and Computational Biophysics - UC Riverside

Experimental Postdoctoral Position in Electron-Positron Plasmas - UC Riverside

Postdoctoral Position in the Quantum Monte Carlo Group - Washington University in St. Louis

Graduate Student Opportunities

NRC Research Associateship Programs- National Academies for Sciences, Engineering, Medicine (Online applications open as follows December 1 (closes February 1), March 1 (closes May 1), June 1 (closes August 1), and **September 1 (closes November 1)**)

[Foreign Affairs Information Technology Fellowship](#) - U.S. Department of State (deadline **January 16, 2024**), [Webinar](#) for more information.

[Perimeter Scholars International](#)- Perimeter Institute for Theoretical Physics (deadline **February 1, 2024**)

[The Department of the Airforce Science & Technology Fellowship Program](#)

Undergraduate Student Opportunities

Research Assistant - Yale School of Medicine (contact [Navin Kumar](#) for further information)

- Research Assistant – Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)
- Research Assistant – Data Analysis & Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)

[Foreign Affairs Information Technology Fellowship](#) - U.S. Department of State (deadline **January 16, 2024**), [Webinar](#) for more information.

General Grants and Fellowships

[NASA Connecticut Space Grant Consortium - Fall Request for Proposals](#) (deadline **October 13, 2023**, at 11:59pm)

Meetings, Schools, Workshops, and Conferences

[American Physical Society Webinars](#) - Career: Activating Industry Careers: Women in the Physics Industry, October 17, 2023 @ 10:00am ET.

[American Physical Society March Meeting 2024](#), March 3-8, 2024 - Minneapolis, MN and virtual (dates to be announced). American Physical Society March Meeting is a scientific research conference that brings together more than 13,000 physicists from around the world to showcase their work, connect with others, and discover groundbreaking physics research. Join us in 2024 for an extra special week as we celebrate the 125th anniversary of APS.

Registration opens November 2023. Submit your abstract through October 20, 2023.

[American Physical Society Conferences for Undergraduate Women in Physics \(CUWiP\)](#), January 19-21, 2024 - nearest locations are: Boston University & Wellesley College; City University of New York, Graduate Center; or United States Military Academy, West Point. The 2024 Millie Dresselhouse CUWiP Keynote Speaker is [Dr. Jocelyn Bell Burnell](#), Royal Society of Edinburgh. **Applications close October 23, 2023.**



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For further information email [Daphne Klemme](#). Please click on the links to contribute to the newsletter or update alumni information.

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