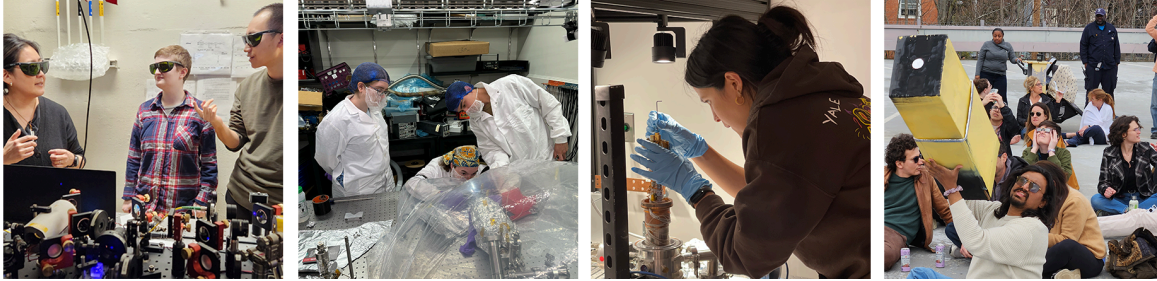


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Yale Physics



Week of January 19-25, 2025

Events

Monday, January 20

All day **University Holiday.** The physics department administrative office is closed for observance of the Martin Luther King, Jr. holiday. Monday classes will be held on Friday, January 24.

Tuesday, January 21

1:00 pm **Condensed Matter Theory Seminar:** *Terahertz Spectroscopy and Gapless Superconductivity*, Jae Hoon Kim, Yonsei University, SPL 63. Hosts: Meng Cheng & Leonid Glazman.

4:00 pm **High Energy Particle Theory Seminar:** *Gravitational Raman Scattering and Black Hole Naturalness*, Mikail Ivanov, MIT, SPL 51. Host: Walter Goldberger.

Thursday, January 23

10:00 am **Wright Lab Event:** *Spring 2025 EHS Orientation for Wright Lab Shops*, Frank Pekarsi, Environmental Health & Safety, Yale University, WL 216.

10:00 am **Special Solid State & Optics Seminar:** *On the Capacity Limits of graded-index Multimode Fibers*, Filipe Ferreira, University College London, BCT 227. Host: Hui Cao.

1:00 pm **NPA Seminar:** *Axion Dark Matter Searches from Radio to Infrared*, Stefan Knirck, Harvard University, WL 216. Host: Michael Jewell.

2:30 pm **Condensed Matter Theory Seminar:** *Experiments on Non-equilibrium Josephson Systems in One and Two Dimensions*, Andrew Higgsbotham, University of Chicago, SPL 63. Host: Leonid Glazman.

Friday, January 24

3:15 pm **Elusives Journal Club:** *Topics on Dark Matter and Neutrino Related Fields*, Tyler Johnson, Yale University, WLC 245. Hosts: Eleanor Graham and Jiaxiang Wang.

More events

News Highlights



Newburgh and CHIME awarded 2024 Buchalter Cosmology Prize



Still life with Einstein? A physics class, by way of the art gallery



Natarajan wins 2025 Dannie Heineman Prize for Astrophysics



Research in the News: Upping the Anti

[Read more department news here](#)

Community

Climate and Diversity Committee News

Yale Women's Leadership Initiative Conference

Feb. 1-2, 2025 | 10 a.m. - 9 p.m. | WLH 207 & 208 | [Register here](#)

Join Yale WLI for the 2025 Yale Women's Leadership Initiative Conference, a two-day event dedicated to empowering women as leaders and change-makers. Engage with inspiring panelists and celebrate gender equity in an inclusive and transformative space.

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). Items not claimed by the end of the academic year will be donated to the Yale Community Kitchen.

Outreach



Maruyama at the Tilde Café

Last week, Professor Reina Maruyama gave a public talk at the Tilde Café on the topic of Dark Matter. The mission of Tilde Café, founded in 2008, and listed by WGBH Educational Foundation as the first science café in Connecticut, is to "demystify science and make it more accessible to all". See the video at [\[Cafe125\] What is Dark Matter?](#)

Opportunities

This list is supplied for informational purposes. Please check the job details carefully to make sure you meet all qualifications. **Boldfaced entries are at Yale University.**

Faculty

Associate or Full Professor, Experimental Atomic, Molecular, and Optical Physics - Yale Department of Physics. (deadline **November 1, 2024**, or until position is filled.)

Assistant Professor, Experimental High-Energy Particle Physics - Yale Department of Physics (deadline **December 1, 2024**, or until position is filled).

Physics - Assistant/Associate Professor - Hope College. (deadline **March 1, 2025**.)

Lecturer or Senior Lecturer - Yale Department of Physics. (deadline **June 12, 2025**)

Research Chair: Quantum Horizons Alberta - University of Lethbridge node - University of Lethbridge.

Assistant Professor in Experimental Soft/Living Matter Physics - University of Pennsylvania.

Research Staff

[NRC Research Associateship Program](#) - National Academies for Sciences, Engineering, Medicine (deadline **February 1, 2025**)

Postdoctoral

[Postdoc Position in Theoretical Soft Condensed Matter and Computational Biophysics](#) - UC Riverside

[Experimental Postdoctoral Position in Electron-Positron Plasmas](#) - UC Riverside

Graduate Student

[Master Of Quantum Science and Technology](#) - University of California, Los Angeles, Center for Quantum Science and Engineering (deadline **March 1, 2025**)

[Rickover Fellowship Program in Nuclear Engineering](#) - South Carolina Universities Research and Education foundation (deadline **January 31, 2025**)

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

Undergraduate Student

[Undergraduate Research](#) - Yale School of Medicine

Conferences, Schools, and Workshops

[American Physical Society Conference for Women and Gender Minorities in Physics \(CU*iP 2025\)](#) January 24-26, 2025 - University of Connecticut.



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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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