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Yale Physics



Week of March 10-16, 2024

Events

All day **Spring Break.** Classes will resume at 8:20 am on Monday, March 25th.

Monday, March 11

10:00 am **Applied Physics Seminar:** *Harnessing Thermal Radiation for Sustainable Solutions in Energy & Water Systems*, Rohith Mittapally, Massachusetts Institute of Technology, DL 220 + zoom (password: 984865). Host: Sohrab Ismail-Beigi .

4:00 pm **Molecular Biophysics & Biochemistry Seminar:** *Understanding the mechanistic underpinnings and medical importance of misfolded proteins*, Sonya Neal, University of California, San Diego, BASS 305. Host: Mark Hochstrasser.

Thursday, March 14

3:00 pm **Applied Physics Seminar:** *Scaling on-chip photonic neural processors using arbitrarily programmable wave propagation*, Martin Stein, Cornell University, BCT CO31 + zoom (password: 557356). Host: Logan Wright .

Friday, March 15

11:00 am **Elusives Journal Club:** *Anomalies in Particle Physics*, Talia Weiss, Yale University, WLC 245. Host: Xiran Bai. Reading, see also " The Era of Anomalies".

[More events](#)

News



Helen Caines appointed Horace D. Taft Professor of Physics

Helen Caines, a physicist whose research has revealed important insights into the behavior of nuclear matter under extremes of temperature and density, was recently appointed the Horace D. Taft Professor of Physics.



Researchers collaborate in Hackathon at Wright Lab

March 4-6, 2024, researchers from Yale, Princeton, the University of Pennsylvania, the Flatiron Institute, and Argonne National Laboratory gathered at Wright Lab to participate in a Simons Observatory (SO) "hackathon".



Seeing Yale from the other side of the lectern

Each year Faculty Bulldog Days encourages faculty to step out of their own classrooms to observe how colleagues across campus practice the craft of teaching. Yale Physics professor Larry Gladney and others are featured in an article about their experiences sitting amongst the students.

[More news](#)

Community

Climate and Diversity Committee News

Focus on Women's History Month at Yale

Explore the many groups, events, graphic resources, and other opportunities that celebrate our colleagues and classmates and raise awareness around Women's history listed on the [Belonging at Yale website](#).

To learn about related Yale events, visit the [Yale Calendar of Events](#) and select the Diversity, Equity, Inclusion, and Belonging (DEIB) event category.

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).

COVID-19 Update

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

Opportunities

Faculty Opportunities

[Assistant Professor, Condensed Matter and Materials Theory](#) - University of California, Santa Cruz (anticipated start July 1, 2024; deadline **June 30, 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 opportunities in quantum matter physics, Experimental Triple-Hybrid Material](#) - Niels Bohr Institute (deadline **March 15, 2024**)

[Postdoctoral opportunities in quantum matter physics, Experimental Josephson matter](#) - Niels Bohr Institute (deadline **March 15, 2024**)

[Postdoctoral Research Position in Experimental Neutrino Physics](#) - University of Pittsburgh (deadline **March 31, 2024**)

[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))

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

Undergraduate Student Opportunities

[REU Interactions of Matter, Light & Learning](#) - Kansas State Physics (application review begins **February 19, 2024 until all places are filled**)

[Perimeter Scholars International Bridge \(PSI Bridge\) Program](#) - Perimeter Institute (deadline **April 1, 2024**)

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

[Research Position Available in Hatzios Lab](#) - Yale Department of Molecular, Cellular and Developmental Biology.

Meetings, Schools, Workshops, and Conferences

Quantum Ideas Summer School, June 17-21, 2024 - Duke University. [Application](#) (Applications Close **Friday, March 15**). Notification of acceptance: Friday, April 19.

[Asian Americans and STEM conference](#), May 10, 2024 - Yale University. [Register now](#).

[American Physical Society 55th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics](#), June 3-7, 2024 - Fort Worth, TX. Early registration open until **May 3, 2024**.

[2024 Fall Meeting of the APS Division of Nuclear Physics](#), October 6-10, 2024 - Boston, MA.



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