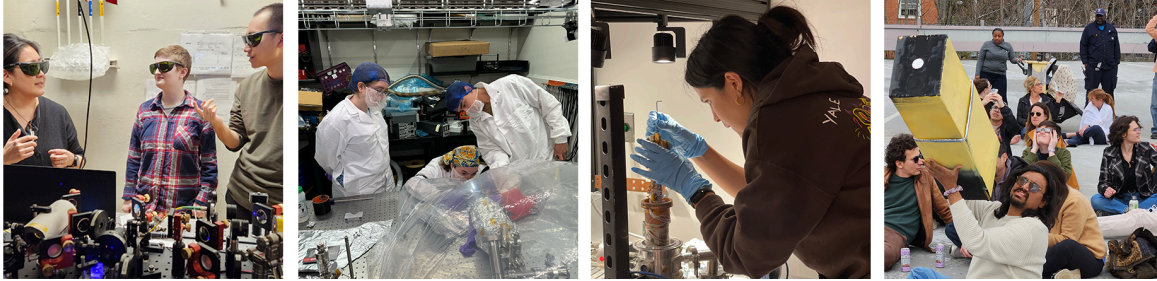


Yale *Physics*



Week of August 25-31

Events

Sunday, August 25

7:00 pm **Yale Undergraduate Orientation Event: *Yale Bulldog Bash***, Old Campus.
Yale's free annual celebration to welcome new students.

Tuesday, August 27

11:00 am **Tsai CITY Event: *2024 Yale Entrepreneurship & Innovation Expo, Cross Campus***. The Yale Entrepreneurship & Innovation Expo brings together Yale's many entrepreneurial organizations and clubs under one (literal) tent so that all students may learn more about the innovative resources and ecosystem available to them at Yale University..

1:00 pm **Nuclear, Particle, Astrophysics (NPA) Seminar: *Title to be announced***, Jakob Rieser, University of Vienna, WL 216.

1:00 pm **Yale College Advising: *Academic Fair 2024***, Physics located in Yale Schwarzman Center (YSC), 2nd Floor - President's Room.

Wednesday, August 28

8:20 am **Fall-term classes begin.**

Thursday, August 29

1:00 pm **Nuclear, Particle, Astrophysics (NPA) Seminar: *Toward Quantum Imaging of Nuclei***, Miguel Arratia, University of California, Riverside, WL 216.

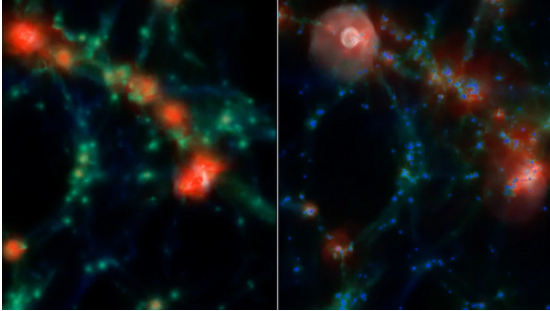
Friday, August 30

All day **Friday classes do not meet; Monday classes meet instead.**

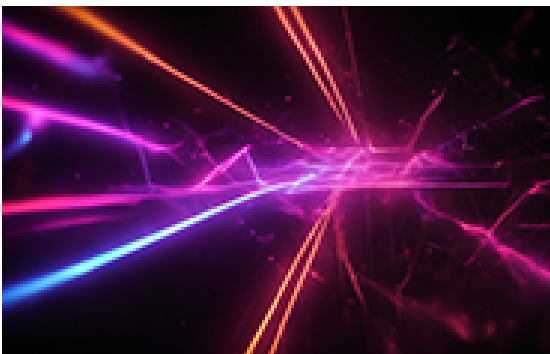
3:00 pm **Special Solid State & Optics Seminar: *Physics-informed deep neural networks for multicore & multimode fiber information transmission towards biomedicine & communication***, Juergen Czarske, TU Dresden, Germany, BCT 227 + [zoom](#) (password: 562629). Host: Hui Cao.

[More events](#)

News Highlights



Here's what millions of galaxies say about their size, growth



Yale Engineers Awarded \$9M ONR Grant to Tame Chaos with AI



Xinyi Chen successfully defends thesis, "Reconstruction of the initial conditions: improvements and applications to constraining dark energy and primordial non-Gaussianity"



HAYSTAC experiment featured on Bluefors website

[Read more department news here](#)

Community

Climate and Diversity Committee News

International Cultural Arts and Food Fusion Festival

Saturday, August 24, 11 AM- 5 PM
Edgewood Park, 740 Whalley Avenue

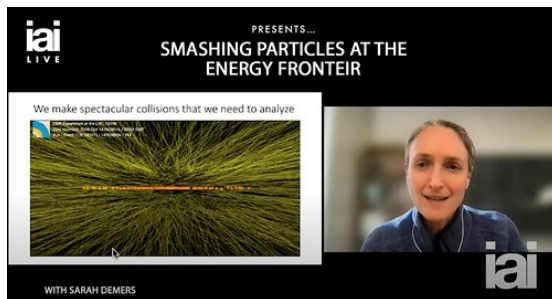
Experience the World in One Day! Join for the vibrant [International Cultural Arts Fusion Festival](#), hosted by Arts in CT, to celebrate global cultures in an exciting end-of-summer event. Get ready to tantalize your taste buds, feast your eyes on stunning art exhibits, groove to the rhythm of live performances, and immerse yourself in the rich tapestry of international cultures that call Connecticut home. [Read more.](#)

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



Professor Sarah Demers was featured in a video for the Institute of Art and Ideas called "Smashing particles at the energy frontier." [Watch on YouTube here.](#)

Opportunities

Faculty Opportunities

[Associate or Full Professor, Experimental Atomic, Molecular, and Optical Physics - Yale University.](#)

[Lecturer or Senior Lecturer in Physics - Yale University.](#)

[Research Chair: Quantum Horizons Alberta - University of Lethbridge node - University of Lethbridge.](#)

[Two tenure-track Assistant Professor positions in experimental physics - Illinois Wesleyan University.](#)

Prize Postdoctoral Opportunities

[2025 YQI Fellowship - Yale Quantum Institute \(Application deadline, October 27, 2024\)](#)

Postdoctoral Opportunities

[Franke Interdisciplinary Research Award for Postdocs](#) - Yale University (deadline: August 30, 2024)

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

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

Graduate Student Opportunities

[Franke Interdisciplinary Research Award for Graduate Students](#) - Yale University (Deadline: August 30, 2024)

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

Undergraduate Student Opportunities

[REU Chile Program](#) - NSF NOIRLab. Program dates: January - March 2025. **Application Deadline: 23 September 2024.**

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

Meetings, Schools, Workshops, and Conferences

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



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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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