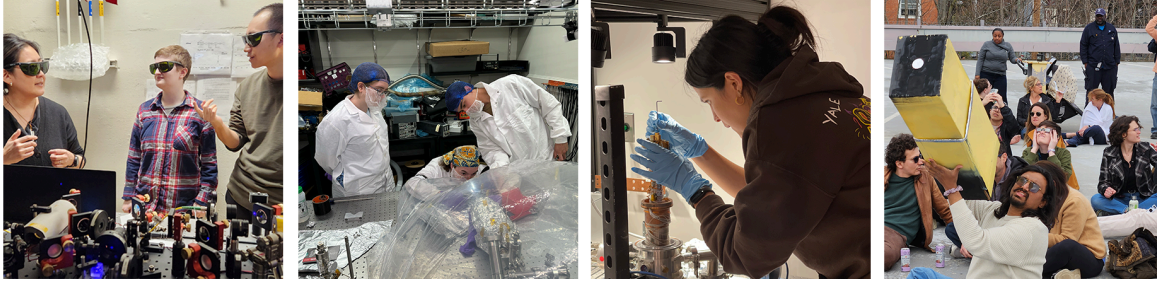


# Yale Physics



## Week of February 2-8, 2025

### Events

#### Monday, February 3

3:30 pm      **Physics Club:** *Synthetic development biology: decoding and controlling multicellular self-organization*, Harry McNamara, Department of Molecular, Cellular and Developmental Biology, Yale University, SPL 57. Host: Benjamin Machta.

#### Tuesday, February 4

9:00 am -      **International Year of Quantum Science and Technology, 2025: *Opening***  
5:00 pm      *Ceremony*, UNESCO Headquarters, Paris, France. [Register here](#).

#### Wednesday, February 5

9:00 am -      **International Year of Quantum Science and Technology, 2025: *Opening***  
5:00 pm      *Ceremony*, UNESCO Headquarters, Paris, France. [Register here](#).

1:00 pm      **Applied Physics/Yale Quantum Institute Colloquium:** *Atomic quantum processors and the error-correction frontier*, Dolev Bluvstein, Harvard University, YQI Seminar room.

#### Thursday, February 6

1:00 pm      **NPA Seminar:** *Accelerating Discovery in High Energy Physics using AI*, Vinicius Mikuni, Lawrence Berkeley National Lab, WL 216.

2:30 pm      **Condensed Matter Theory Seminar:** *Twisted Materials as Many Body Hamiltonian "Simulators"*, Andrei Bernevig, Princeton University, SPL 63. Host: Leonid Glazman.

6:00 pm      **Visualize Science 2025: *Astrophysics Edition***, Annual competition for teams of artists and scientist with a Yale affiliation to collaborate and create a conceptual model of a scientific concept in astrophysics. KT 501. [Register here](#).

#### Friday, February 7

9:00 am      **YQI/Franke Nontechnical Talk:** *The Quantum Mothman - Quantum technology for music, gaming, and creative productions*, James Wootton, Moth Quantum,

[register here for zoom link.](#)

- 9:00 am **PEB Spring Career Series:** *Careers in Museums and Science Communication + Peabody Museum Tour*, Sydney Muchnik and Natalie Mastick, Yale Peabody Museum, [register here](#).
- 11:00 am **Elusives Journal Club:** *Topics on dark matter and neutrino-related fields*, Speaker, Yale University, WLC 245. Hosts: Eleanor Graham and Jiaxiang Wang.

## Saturday, February 8

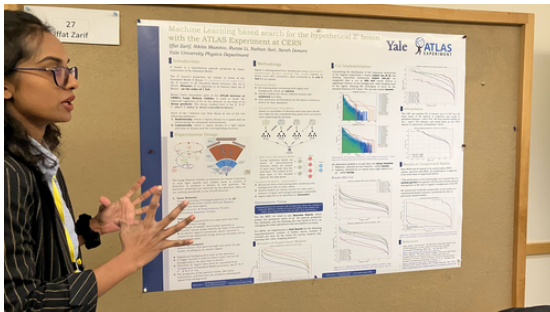
- 9:00 am - 1:30 pm **Girls' Science Investigations:** *The Robotic World*, Have you ever wondered how a robot works? In this session, we will learn how to design, build, and program robots. We will also explore how robots fit into society, from the home to the medical field, SPL.

[More events](#)

## News Highlights



**Machta group research, "Hear ye! Hear ye! Yale researchers uncover new complexities in human hearing", Yale News**



**Yale Women in Physics at APS CUW\*P 2025**

[Read more department news here](#)

## Community

### Belonging

#### Focus on Black History Month

Explore the many [groups](#), [events](#), [graphic resources](#), and [other opportunities](#) that celebrate our colleagues and classmates and raise awareness around Black history. We thank partners across Yale for contributing to this list.

### Lost and Found

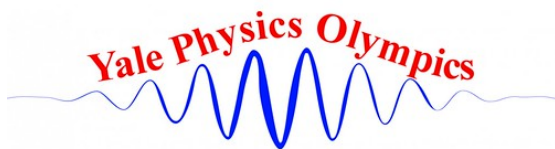
Reminder, there is a Lost and Found box in the Chair's Office. [Please check our flickr album](#) to see what has been collected over the last AY. If you have an item go missing or think you have left it behind somewhere, please check with Kirstin or Jen in the Chair's Office (SPL 34). Items not claimed by the end of the academic year will be donated to the Yale Community Kitchen.

## Outreach



### Visualize Science 2025: Astrophysics Edition

An annual competition for teams of artists and scientists with a Yale affiliation to collaborate and create a conceptual model of a scientific concept in astrophysics (revealed at the start of the competition) and realize it in 2 or 3D format using provided materials. [Register here](#).



### Yale Physics Olympics

We need a few people to be on the executive committee to help design events and be in charge of running them on April 5. We need many more helpers just on April 5. [Volunteer here](#). Contact [Stephen Irons](#) with any questions.

## 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.

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### Research Staff

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

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## Postdoctoral

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

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

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## 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](#)

[Teaching Assistants \(TAs\)](#) - Yale Pathways to Science Summer Scholars

[Residential Advisors \(RAs\)](#) - Yale Pathways to Science Summer Scholars

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## Undergraduate Student

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

[Teaching Assistants \(TAs\)](#) - Yale Pathways to Science Summer Scholars

[Residential Advisors \(RAs\)](#) - Yale Pathways to Science Summer Scholars

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