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Yale *Physics*



Weeks of July 21-August 3, 2024

Events

Monday, July 22

1:30 pm **Astronomy Event:** *Summer Research Symposium*, KT 5th Floor Lounge.

Tuesday, July 23

9:00 am **Astronomy Event:** *Summer Research Symposium*, KT 5th Floor Lounge.

Thursday, July 25

1:30 pm **Physics Dissertation Defense:** *Reconstruction of the initial conditions: improvements and applications to constraining dark energy and primordial non-Gaussianity*, Xinyi Chen, Yale University, KT 401. Thesis advisor: Nikhil Padmanabhan.

2:30 pm **Astronomy Special Seminar:** *Orbital Evolution of Giant Planets After the Main Sequence*, Nick Saunders, University of Hawaii, KT 501. Host: [Malena Rice](#).

Thursday, July 25

11:00 am **Wright Lab Summer Program:** *Final presentations for WL summer students*. Part 1 of a 2-day symposium. WL 216 + zoom (passcode: 1466510).

Friday, July 26

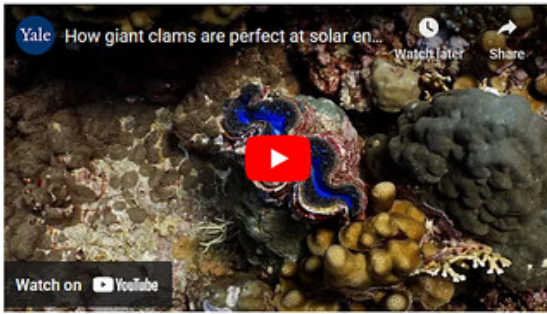
9:00 am **Wright Lab Summer Program:** *Final presentations for WL summer students*. Part 2 of a 2-day symposium. Lunch will be served for all participants and attendees in the middle of the program. WL 216 + zoom (passcode: 141863).

Wednesday, July 31

12:00 pm **Molecular Biophysics & Biochemistry Informal Seminar:** *Molecular mechanisms of translation regulation by viral RNA structures*, Maddie Sherlock, New York Structural Biology Center, SHM (333 Cedar Street).

[More events](#)

News Highlights



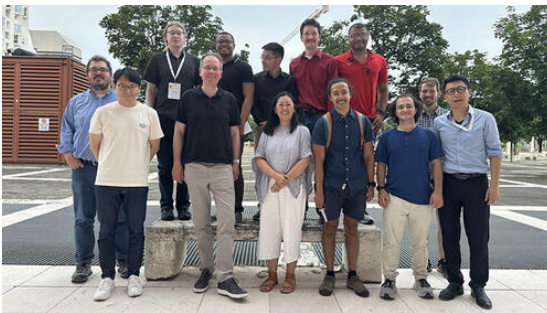
Giant clams may hold the answers to making solar energy more efficient



Moult receives 2024 Early Career Scientist Prize in Particle Physics



Mingarelli and Natarajan share ICBS “Frontiers of Science” award



Yale Wright Lab presents new results at Neutrino 2024 conference

[Read more department news here](#)

Community

Climate and Diversity Committee News

Yale Office of Diversity & Inclusion: Yale Latino Networking Group

Support the 2024 School Supply Drive that is taking place through Friday, August 16th. Needed

school supplies include: pencils, erasers, 12" rulers, glue, composition notebooks, backpacks, binders, highlighters, markers, crayons, and folders. We will also be collecting items for college bound students this year such as XL sheets and comforters, toiletry holders, etc. Drop off at various campus locations or order supplies online via YLNG's [Amazon Wishlist](#) and ship directly to: Tanya Colon, Yale Athletics, 20 Tower Parkway, New Haven, CT 06511.

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).

Department Announcements



Shutdown Notice: SPL Elevator

Outreach



2024 Pathways to Science Summer Scholars

Wright Lab welcomed 40 students in the Yale Pathways to Science Summer scholars program to interact with our scientists, learn how they discover the invisible Universe, and do some hands-on observations and measurements of cosmic rays. Special thanks to all our volunteers!

Opportunities

Faculty Opportunities

Associate or Full Professor, Experimental Atomic, Molecular, and Optical Physics - Yale University.

Lecturer or Senior Lecturer - 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.

Postdoctoral Opportunities

[NRC Research Associateship Programs](#) - National Academies of Sciences, Engineering, and Medicine (applications open June 1, 2024, deadline **August 1, 2024**)

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

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

[Air Force Science & Technology Fellowships](#) - National Academies of Sciences, Engineering, and Medicine (deadline **August 1, 2024**)

Graduate Student Opportunities

[NRC Research Associateship Programs](#) - National Academies for Sciences, Engineering, Medicine (Online applications open June 1 (closes **August 1**)).

[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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