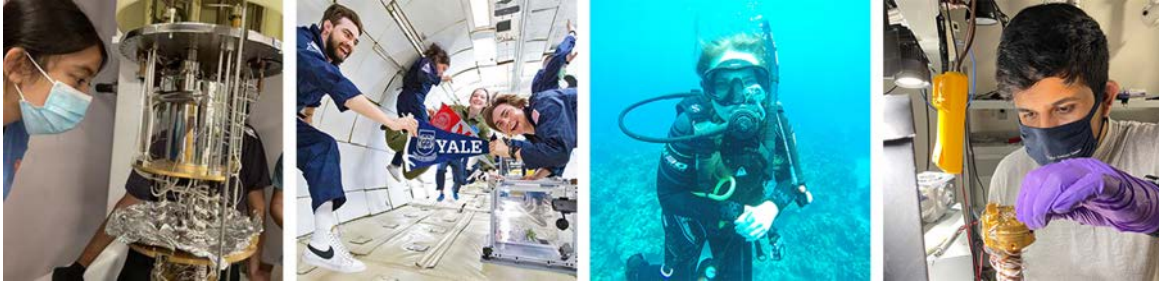


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Yale Physics



August 4 & 11, 2023

Events

Monday, August 7

1:00 pm **Special Solid State & Optics Seminar:** *Thermalization and multimode phase locking in optical fibers*, Stefan Wabnitz, Sapienza University of Rome, BCT 227 + zoom (password: 372378). Host: Hui Cao.

Wednesday, August 9

12:00 pm **Special Astronomy Seminar:** *Hunting high-energy signals from blazars in the early Universe & the connection of Astronomy and the climate crisis*
Thermalization and multimode phase locking in optical fibers, Dr. Andrea Gokus, University of Washington, St. Louis, KT 501 + zoom. Host: Lea Marcotulli.
Cookies will be provided.

Monday, August 14

2:00 pm **AMO Seminar:** *Dynamics of driven impurities in a quantum gas*, Meera Parish, Monash University, SPL 51. Host: Nir Navon.

Tuesday, August 15

2:00 pm **AMO Seminar:** *Fermi polarons from cold atoms to doped semiconductors*, Jesper Levinsen, Monash University, SPL 51. Host: Nir Navon.

[More events](#)

News



Congratulations Dr. Aritra Ghosh!

On Monday, July 31, Aritra Ghosh, an astronomy student, successfully defended the thesis, “Investigating Galaxy Morphology in Large Surveys Using Novel Machine Learning Frameworks” (advisor: Meg Urry).



Congratulations Dr. Yiqi Wang!

On Wednesday, August 2, Yiqi Wang, an applied physics student, successfully defended the thesis “Manipulating and measuring states of a superfluid optomechanical resonator in the quantum regime” (advisor: Jack Harris).

[More news](#)

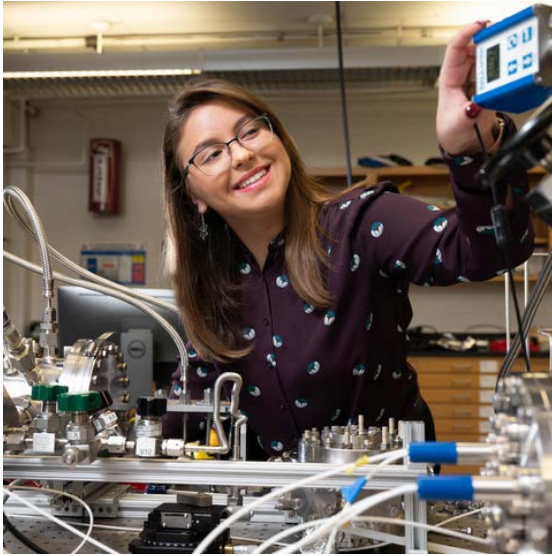
Community

Climate and Diversity Committee News

Whether you are a new or longstanding member of the Yale community, we invite you to Be Open and Be Curious about Belonging at Yale. This August, [learn about our actions and progress](#), explore ways to get involved, and familiarize yourself with the many Belonging at Yale resources.

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

Welcome graduate class of 2023!



Welcome Jacqueline Baeza-Rubio!

Jacqueline "Jackie" Baeza-Rubio comes to us from the University of Texas at Austin. Jacqueline specialized in the construction and improvement of TPCs in search of neutrinoless double beta decay. Her research included Barium tagging efforts for the NEXT collaboration. At Yale, she intends to stay in neutrino physics and move to neutrino mass measurements by joining Project 8. Outside of physics she enjoys her large succulent collection.



Welcome Sam Banks!

Sam Banks comes to us from Carnegie Mellon University. Sam is interested in emergent phenomena in living systems. Outside of physics He enjoys playing jazz piano, cooking, and playing video games with friends.



Welcome Eunice Beato!

Eunice Beato comes to us from Wellesley College. Eunice really likes particle physics and wants to possibly focus on astroparticle physics. She is particularly interested in dark matter searches through the lens of particle research. Eunice states, "Something unique about me is that even though I really am into science and physics I also really love art and social justice... I hope to try and work on these efforts, along research, and make STEM a safer space for minorities through DEI efforts and through trying to dismantle the oppressive foundations inherent in how we currently think and do STEM."

COVID-19 Update

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

Opportunities

Faculty Opportunities

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

[Assistant Professor Position in Experimental Quantum Information Science](#) - NYU (anticipated start date of **September 1, 2023**)

[Tenure-track faculty position in Quantum Condensed Matter Theory](#) - Brown University (application deadline **November 30, 2023**)

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

Postdoctoral Opportunities

[2024 Yale Quantum Institute Postdoctoral Fellowship](#) - Yale University, YQI (deadline **October 29, 2023 at 11:59pm ET**)

[Postdoctoral Associate Position in Theoretical Physics](#) - Yale University

[Postdoctoral Interdisciplinary Fellowship](#) - Yale University, The Franke Program in Science and the Humanities (deadline **August 18, 2023**)

[Postdoctoral Fellowship in Experimental Spin Qubit Research](#) - Niels Bohr Institute, University of Copenhagen (deadline **August 20, 2023**)

[Stanford Molecular Imaging Scholars \(SMIS\) Program](#) - Stanford University (deadline **September 4, 2023**)

[Stanford Cancer Imaging Training \(SCIT\) Program](#) - Stanford University (deadline **October 1, 2023**)

Graduate Student Opportunities

[Graduate Interdisciplinary Fellowship](#) - Yale University, The Franke Program in Science and the Humanities (deadline **August 18, 2023**)

[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

Research Assistant - Yale School of Medicine (contact [Navin Kumar](#) for further information)

- Research Assistant – Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)
- Research Assistant – Data Analysis & Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)

Meetings, Schools, Workshops, and Conferences

[XVIII International Conference on Topics in Astroparticle and Underground Physics 2023](#), August 28-September 1, 2023 - University of Vienna, [conference fees and registration](#) (full fee)

deadline **August 15, 2023**). *Note: David Moore is an invited speaker.*

[American Physical Society Conferences for Undergraduate Women in Physics \(CUWiP\)](#), January 19-21, 2024 - nearest locations are: Boston University & Wellesley College; City University of New York, Graduate Center; or United States Military Academy, West Point. The 2024 Millie Dresselhouse CUWiP Keynote Speaker is [Dr. Jocelyn Bell Burnell](#), Royal Society of Edinburgh. **Applications open on August 28, 2023.**



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