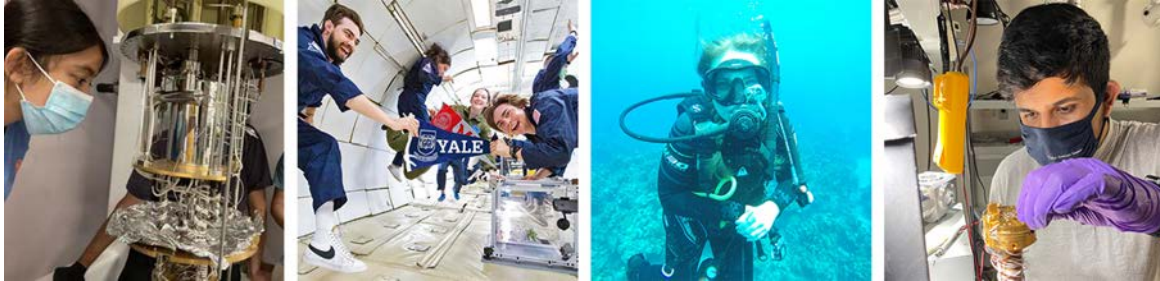


To view this email as a web page, go [here](#).

# Yale Physics



**Friday, August 26, 2022**

## Events

**Saturday, August 27**

10:00 am - **NSF CCI Quantum Computing Workshop:** *NSF Centers for Chemical Innovation Quantum Computing Workshop*, Speakers: Victor Batista (Yale), David Mazziotti (UChicago), Kang-Kuen Ni (Harvard), Peter Love (Tufts), Lea F. Santos (UConn), Fabijan Pavosevic (Flatiron Inst.), Prineha Narang (Harvard), Sabre Kais (Purdue), Micheline Soley (UWisconsin), Eitan Geva (UMichigan), Alessandro Mianno (Yale), and Daniel Lidar (U Southern California), SCL 110.  
5:00 pm

**Monday, August 29**

4:00 pm **Physics Club:** *Quantum Computers as Dark Matter Detectors*, Aaron Chou, Fermilab, SPL 57. Host: Helen Caines.

**Thursday, September 1**

10:00 am **Yale Quantum Institute Colloquium:** *Towards next-generation physical and logical qubits in superconducting circuits*, Chen Wang, University of Massachusetts, Amherst, YQI Seminar Room + zoom (Yale login required).

2:30 pm **Yale Astronomy Colloquium:** *Astronomy Department Annual Resources*, Pieter van Dokkum, et al., Yale University, WTS A-51.

**Friday, September 2**

1:00 pm **The Elusives Journal Club:** *Topic to be announced*, Members in the departments of physics and astronomy who work on dark matter and neutrino-related fields are invited to get together to discuss papers related to their field. Topics include: neutrinos, dark matter, BSM physics, fundamental symmetries, precision physics and more. WLC 245 and [zoom](#). Host: Jorge Torres.

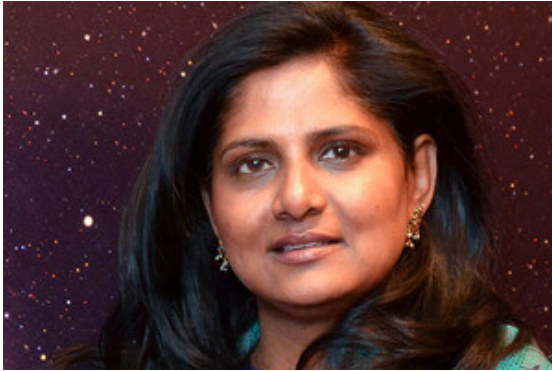
[More events](#)

## News



## Ponce appointed early career member of APS DPF Ethics Committee

Iris Ponce Pinto of Yale University has been chosen as the Graduate Student representative on the American Physical Society (APS) Division of Particles & Fields (DPF) Ethics Advisory Committee (EAC) until December 31, 2023.



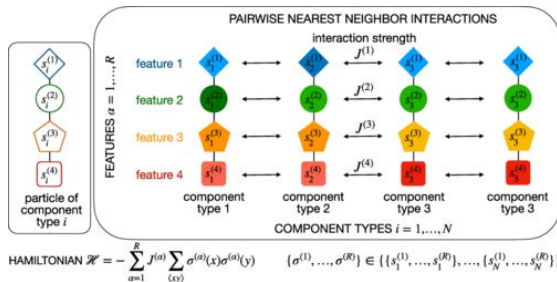
## Natarajan appointed Fruton Professor

Priyamvada Natarajan, a theoretical astrophysicist who maps the unseen universe — invisible entities like dark matter, black holes, and dark energy — whose presence can only be indirectly inferred from observational data, has been appointed the inaugural Joseph S. and Sophia S. Fruton Professor of Astronomy and Professor of Physics, effective immediately.



## Murrell research in Yale News

Scientists have long been concerned with trying to understand how cells move, for example in pursuit of new ways to control the spread of cancer.



## Machta research in Yale News

Some of the most important systems in medicine, energy, and industry hinge on the interplay between phases of matter — such as vapors, liquids, and solids — when they come into contact.

[More news](#)

## Social Media This week



## Featured Post

Welcome to Pranav Sanghavi who comes to us as a postdoctoral associate from Western Virginia University. He is working with Laura Newburgh in Wright Lab-West in the areas of Astrophysics & Cosmology.

# Community

## Climate and Diversity Committee News

Good luck in the new term and welcome new students!

*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](mailto:physics-cdc@mailman.yale.edu)*



## Outreach Opportunity!

Open Labs at Yale represents a group of graduate students, postdocs, and other members of the university dedicated to scientific outreach to the local New Haven community and beyond. Are you excited to share your passion for science? Volunteer with us to present your research, teach science communication, and participate in science demos! If interested, please email [open.labs.contact@gmail.com](mailto:open.labs.contact@gmail.com).

## COVID-19 update

Yale COVID-19 Information - [click here](#) for updated information.

# Opportunities

## Faculty Positions

[Asst./Assoc./Full Professor in Experimental Quantum Science](#) - Yale University

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

[Visiting Assistant Professor in Physics \(2 positions\)](#) - Illinois Wesleyan University

[Asst. Prof. in Experimental Particle Physics position](#) - UPenn

[Assistant Professor of Physics, Tenure track](#) - The College of Wooster

[Junior Faculty Search in Fundamental symmetries \(experiment\), broadly defined](#) - UC Berkeley

[Assistant Professor in Experimental Particle Physics](#) - University of Pennsylvania

[Physics Faculty Postion](#) - CSU San Bernardino

[Full-Time Lecturer Position in Physics](#) - University of Massachusetts, Dartmouth College of Engineering

[Physics Clinical Assistant Professor Position](#) - NYU

[Faculty and Associate Faculty Positions](#) - Perimeter Institute

[Assistant Professor in Biophysics](#) - University of North Texas in Denton

[Assistant Professor or Associate Professor in Photonics](#) - University of North Texas in Denton

[Assistant Professor in Energy](#) - University of North Texas in Denton

[Instructor, Lecturer, or Senior Lecturer of Physics](#) - South Dakota Mines

## **Research Scientist Positions**

[Research Scientists \(CHORD radio telescope\) 5 Year Term](#) - Perimeter Institute

## **Postdoctoral Positions**

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

[Product Development Engineer](#) - Hyperlight

[Integrated Photonics Research Scientist](#) - Hyperlight

[Postdoctoral Research Associate - Experimental Nuclear/Particle Physics](#) (multiple positions)  
@ UMass Amherst

## **Lab Positions**

[Lab Director, Undergraduate Quantum Education Laboratory](#) - the University of Chicago

## **Graduate Student and Postdoc Research**

[Experimental-Physics Education Specialist](#) - Scripps College

[Dudley Observatory Astronomer](#) - Siena College

[Positions for postdocs and graduate students affected by the war in Ukraine](#) - Perimeter Institute

## **Undergraduate Research**

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

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

[Spring 2023 Undergraduate Internships](#) - DOE Office of Science (applications due **October 5**)

## **Graduate Student and Postdoc Schools, Workshops, and Conferences**

[Quantum Gravity Around the Corner](#), October 3-7, 2022 - Perimeter Institute (registration open July 8-September 16)

[NASA Science Mission Design Schools](#) - NASA Jet Propulsion Laboratory (deadline September 28, for the Astrophysics Mission Design School 2023)

[iid2022: Statistical Methods for Event Data](#), November 15-19, 2022 - University of Alabama in Huntsville

[Go Beyond: Postdoc Preview](#), October 28-30, 2022 - University of Notre Dame (deadline August 31)

[Quantum Creators Prize Symposium 2022](#), November 14-15, 2022 - The Chicago Quantum Exchange and the University of Chicago (deadline September 11)

## Undergraduate and Graduate Student Opportunities

[History of Physics Essay Contest](#) - American Physical Society Forum on the History and Philosophy of Physics (deadline September 1)



---

[Visit our Website](#) | [Contact Us](#) | [Physics Flickr](#)

*For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#). Alumni can add/update their information by [clicking here](#).*

This email was sent by: Yale University  
P.O. BOX 208109, New Haven, CT, 06520-8279 US

[Update Your Preferences](#)   [Privacy Policy](#)