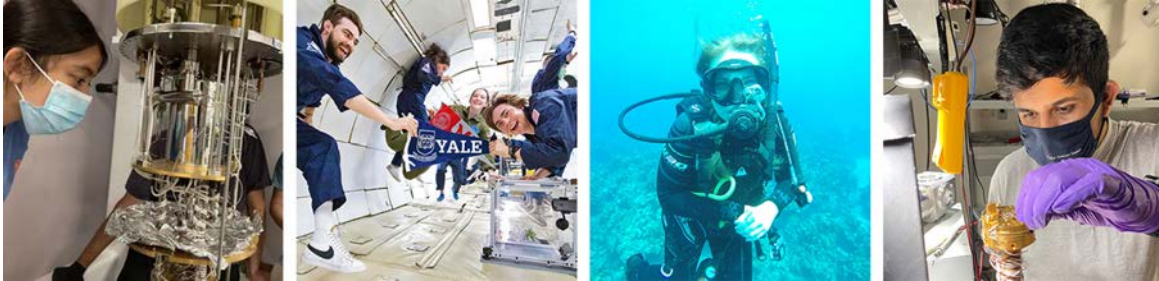


To view this email as a web page, go [here](#).

Yale Physics



Friday, August 19, 2022

Events

Thursday, August 25

9:45 am - **Yale Physics Event:** *2022 Physics Graduate Program Orientation*. SPI 57.
1:00 pm

Friday, August 26

12:00 pm **Computer Science/Yale Quantum Institute Colloquium:** *Quantum Computer Cybersecurity*, Jakub Szefer, Yale University, YQI Seminar Room & via [zoom](#) (Yale login required)

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), Alesandro Mianno (Yale), and Daniel Lidar (U Southern California), SCL 110.
5:00 pm

Monday, August 29

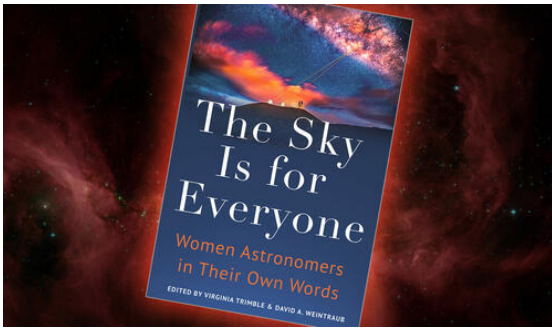
4:00 pm **Physics Club:** *Quantum Computers as Dark Matter Detectors*, Aaron Chou, Fermilab. SPL 57. Host: Helen Caines.

[More events](#)

News

Urry and Natarajan in new book on women in astronomy

The story of women in astronomy is not simply a tale of the planets they've discovered



and the black holes they've mapped. It is a history filled with persistence and personal triumphs. "The Sky is for Everyone," a new book published by Princeton University Press, tells a bit of that history.



Krayzman successfully defends thesis

On August 15, 2022, Lev Krayzman successfully defended the thesis: "Thin-film Resonators for Superconducting Quantum Circuits" (advisor: Rob Schoelkopf). Krayzman will be joining Princeton University as a postdoctoral associate.



Welcome Pranav Sanghavi Postdoctoral Associate

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 in the areas of Astrophysics & Cosmology.



Welcome Farnik Nikakhtar Postdoctoral Associate

Welcome to Farnik Nikakhtar who comes to us as a postdoctoral associate from the University of Pennsylvania. He is working with Nikhil Padmanabhan and Marla Geha in the areas of Cosmology and Astrophysics.



Ekblaw helps bring creative expression to space flight

In the spring course "The Mechanical Artifact: Ultra Space," Yale students from several disciplines were asked to design and build a flight suit that would help tomorrow's astronauts express themselves creatively in zero gravity. What they've imagined would also provide travelers reminders of home and humanity as they hurtle into the unknown.

[More news](#)

Social Media This week



Featured Facebook Post

I am Rachel Merrill. I spent the summer at Cornell University as part of their CLASSE REU program. I had never worked in a lab before, so getting to take part in cosmology research on the Cosmic Microwave Background and learn about all of the equipment necessary to detect it was really exciting!



Featured Facebook Post

The seven students in the 2022 ONAOSI-Yale Undergraduate Research Experience in Instrumentation at Wright Lab completed their program on August 18, 2022 with final presentations, a group photo, and a celebratory luncheon. We wish them all the best!

Community

Climate and Diversity Committee News

Relax and rest the semester is about to start! The first day of the semester is Wednesday, August 31, 2022.

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

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 Position](#) - 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 Insitute

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)
- Research Assistant – Data Analysis & Harm Reduction (send CV to Keyu Chen 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)



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

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