

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

Yale Physics



Friday, October 1, 2021

Events

Monday, October 4

4:00 pm **Physics Club:** *Ergodicity, states and time scales in biological information processing*, Andre Levchenko, Yale University, [zoom](#), password 008008. Host: Ben Machta.

Tuesday, October 5

10:30 am **Department of Chemistry Chemical Biology Seminar:** *Title TBA*, Peter H. Seeberger, Max Planck Institute, [zoom](#), password 066313. Host: Stacy Malaker.

3:30 pm **Particle Theory Seminar:** *Title TBA*, Petar Tadic, Yale University, SPL 51. Host: Witold Skiba.

Wednesday, October 6

12:00 pm **Celebrating LGBT+ Scientists:** *My Journey in STEM*, Clara Barker, Oxford University, [RSVP for zoom link](#). Host: Women and Gender Minorities in Science at Yale (WISAY) and Out in STEM (oSTEM).

2:30 pm **Department of Mechanical Engineering & Materials Science Seminar:** *The Pulse of Plants*, Abraham Strook, Cornell University, contact the department for zoom information.

4:00 pm **The Franke Program in Science and the Humanities Distinguished Speaker:** *I Prove a Theorem and the House Expands: Geometry and Poetry*, Jordan Ellenberg, University of Wisconsin-Madison, [Register in advance for this meeting](#).

4:00 pm **Department of Earth & Planetary Sciences Colloquium:** *Evidence for increasing tropical cyclone activity in the North Atlantic region over the 20th century*, Kerry Emanuel, MIT.

Thursday, October 7

1:00 pm **Nuclear Particle Astrophysics Seminar:** *From Little Bangs in the Laboratory to Neutron Star Mergers*, Jacquelyn Noronha-Hostler, University of Illinois Urbana-Champaign, [zoom](#). Host: Laura Havener.

1:00 pm **Condensed Matter Seminar:** *Entanglement phase transitions in random*

stabilizer tensor networks, Zhicheng Yang, University of Maryland, [zoom](#). Host: Meng Cheng.

2:30 pm **Department of Astronomy Colloquium: *Zooming in on planet-forming disks with ALMA***, Ewine van Dishoeck, University of Leiden, contact department for zoom information.

5:00 pm **Yale Quantum Institute Nontechnical Talk: *Particle Plateaux - An informal history of invisible things***, Paul Miller aka DJ Spooky, Yale Univeristy, Yale Only register here. Register for Live Stream link.

[More events](#)

News



Hyungki (Andrew) Shim successfully defends thesis

On September 24, 2021, Hyungki (Andrew) Shim successfully defended the thesis “Probing the Upper Limits to Light–Matter Interactions: from Spontaneous Emission to Superresolution”. (Advisor: Owen Miller).



Physics Challenge for students!

Congratulations to Nicolò Tampellini of Chemistry for solving our September Physics Challenge Puzzle! A variation of a Vigenère cipher, once solved it asked: What is the Cosmological Constant? [Click here for this challenge with solution.](#)

[Click here for the diabolical October Challenge.](#)

[More news](#)

Community

Climate and Diversity Committee News

Phew! we made it to the mid-terms!

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

Please check [Yale COVID-19 Statistics](#) for current statistics. The current COVID-19 Alert Level is Yellow (see the site for an explanation).

Yale COVID-19 Site
COVID-19 Workplace Guidance website
Yale College COVID-19 Announcements and FAQs
Yale Physics COVID-19 site

Opportunities

Faculty positions

[Teaching in Yale Summer Session 2022](#) - Yale University (Deadline Oct. 11, 2021)

[Assistant Professor in Soft Condensed Matter Physics](#) - UC Berkeley (Deadline Oct. 26, 2021)

[Tenure-track faculty position for an Assistant Professor in Nuclear Astrophysics/Fundamental Symmetries Theory](#) - UC Berkeley and Lawrence Berkeley National Laboratory (deadline Nov. 19, 2021)

[Faculty Opening in Astromaterials, Solar System, and Planetary System Formation](#) - Washington University in St. Louis (Deadline Nov. 24, 2021)

[Tenure-Track Position in Experimental Soft Matter and Biological Physics](#) - Brown University (deadline Dec. 31, 2021)

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

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

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

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

[Physics Faculty Position](#) - CSU San Bernardino (Deadline until filled)

[Faculty and Associate Faculty Positions](#) - Perimeter Institute (no deadline)

Postdoctoral positions

[Yale Postdoctoral Fellowship in Quantum Information Theory](#) - Yale University (Deadline Feb. 1, 2022)

[University of Chicago Fellowship Opportunities:](#)

- Grainger Fellowship in Experimental Physics - all fields ([Webpage](#): Deadline Oct. 15, 2021)
- Biological Physics Fellowship in Biological Physics ([Webpage](#): Deadline Oct. 15, 2021)
- Quantum Fellowship in Quantum Science ([Webpage](#): Deadline Oct. 15, 2021)
- Kadanoff-Rice Fellowship in Materials Science ([Webpage](#): Deadline Oct. 15, 2021)
- Kadanoff Fellowship in Theoretical Physics ([Webpage](#): Deadline Nov. 15, 2021)
- KICP Fellowship in Cosmological Physics ([Webpage](#): Deadline Nov. 15, 2021)
- Fermi, McCormick, Oehme Fellowship in Particle Physics, Astro Physics & Astronomy ([Webpage](#): Deadline Nov. 7, 2021)

[Dicke Fellowship in Experimental Physics](#) - Princeton University (Deadline Oct. 22, 2021)

[Air Force Science & Technology Fellowships](#) (Rolling deadlines Feb 1, May 1, Aug 1, **Nov 1**)

[Postdoctoral Research Positions](#) - Perimeter Institute (Deadline Nov 8, 2021)

Postdoctoral Research Associate in Neutrino Physics - Brookhaven National Lab: Two ways to apply [1] [Inspire](#) or [2] [BNL-jobs](#)

Graduate student and Postdoc Research

[Graduate Student Research \(SCGSR\) Awards](#) - DOE Office of Science (Deadline Nov 10, 2021)

[Graduate Research Fellowship Program \(GRFP\)](#) - National Science Foundation (Deadline Oct 18, 2021)

Undergraduate Research

[Undergraduate School on Experimental Quantum Information Processing](#) (two-week introduction) or [Undergraduate Research award](#) (all summer)- The University of Waterloo (Deadline Jan 4, 2022)

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 2022 Undergraduate Internships](#) - DOE Office of Science

[2nd Annual FUTURE Ignited program](#), a one-day virtual conference on October 2 for Junior or Senior students of color,* in a STEM field at Caltech

Grant Opportunities

[Space Grant Opportunities](#): [Faculty RFP](#) and [Student RFP](#) (deadline Oct. 15, 2021) - CT Space Grant Consortium

[Seed Grant Opportunity](#) - Yale Women Faculty Forum (deadline Oct. 1 & Feb. 15)

Fellowship Opportunities

Science Policy Fellowships: [State Department Fellowship](#) (deadline Oct. 15, 2021) and [Congressional Fellowship](#) (deadline Dec. 1, 2021) - AIP



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

For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](mailto:Daphne.Klemme).

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

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