

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

Yale Physics



September 10, 2021

Events

Monday, September 13

- 4:00 pm **Physics Club:** *The State of the Department*, Karsten Heeger, Yale University, zoom, password: 008008
- 4:00 pm **Molecular Biophysics & Biochemistry Seminar:** *Ubiquitination lessons taught by the bacterial pathogen Legionella pneumophila*, Zhao-Qing Luo, Purdue University, zoom. Host: Shanna Dickinson.

Tuesday, September 14

- 1:00 pm **YPPDO Workshop:** *Preparing for Faculty Positions*, Bonnie Fleming and David Moore, Yale University, zoom, password: 083654

Wednesday, September 15

- 1:00 pm **Yale Systems Biology Institute Seminar:** *Signal encoding and decoding in dynamical live cell systems*, Andre Levchenko, Yale University, zoom, password 688858.
- 2:30 pm **Mechanical Engineering and Materials Science Seminar:** *Classical fluid dynamics confronts modern research questions*, Howard Stone, Princeton University, contact department for zoom information.
- 3:30 pm **Earth & Planetary Sciences Colloquium:** *Earth's wild years: how large collisions shaped the early Earth*, Simone Marchi, Southwest Research Institute, contact department for zoom information.

Thursday, September 16

- 2:30 pm **Astronomy Colloquium:** *Heavy Element Nucleosynthesis in the Era of Multi-messenger Astronomy*, Erika Holmbeck, Carnegie Observatories, contact department for zoom information.

Friday, September 17

- 9:30 am **EHS Orientation for Wright Lab Shop Users - Fall 2021: EHS Shop Orientation**, A one hour Environmental Health & Safety (EHS) shop orientation. [Click here for more information on the shop facilities](#). In-person attendance will be capped at 20 people on a first-come, first-served basis [Register here](#).

More events

News



Daniel Berkowitz successfully defends thesis

On August 31, 2021, Daniel Berkowitz successfully defended the thesis “The Development of Mathematical Methods for Tackling Problems in Non-Perturbative Quantum Field Theory, Cosmology, and Gravity”. (Advisors: George Fleming and Vincent Moncrief).



Shruti Puri to lead Yale's participation in new NSF Quantum Simulation Institute

Shruti Puri, former postdoc in the physics department and now an assistant professor in applied physics, is leading Yale's participation in the new Quantum Leap Challenge Institute for Robust Quantum Simulation, a multi-institutional effort supported by the National Science Foundation (NSF) that is focused on developing quantum simulation devices that can understand, and thereby exploit, the rich behavior of complex quantum systems.

More news

Community

Climate and Diversity Committee News

I hope you had a good first week of classes!

If interested in joining the CDC, please contact Helen Caines, 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

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

Postdoctoral positions

[Yale Postdoctoral Fellowship in Quantum Information Theory](#) - Yale University (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 - to be determined)

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

Postdoc Opportunity - [Air Force Science & Technology Fellowships](#) (Rolling deadlines Feb 1, May 1, August 1, November 1)

Graduate student and Postdoc Research

DOE's Office of Science is now Accepting Applications for [Office of Science Graduate Student Research \(SCGSR\) Awards](#) (Deadline November 10, 2021)

Undergraduate Research

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

DOE's Office of Science [Spring 2022 Undergraduate Internships](#)

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

Grant Opportunities

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

Fellowship Opportunities

AIP seeks applicants for Science Polity Fellowships: [State Department Fellowship](#) (deadline Oct. 15, 2021) and [Congressional Fellowship](#) (deadline Dec. 1, 2021)



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

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

P.O. BOX 208109, New Haven, CT, 06520-8279 US

[Unsubscribe from this Mailing List](#)

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