

Yale Physics



Upcoming Events

Monday, February 3

10:30am: Yale Quantum Institute Seminar. Dries Sels, Harvard, "[Solving real-world statistical problems on current quantum devices](#)" in Yale Quantum Institute Seminar Room.

4:00pm: Molecular Biophysics & Biochemistry Seminar. Squire J. Booker, Penn State University, "[The Biosynthesis of Lipoic Acid: A Saga of Death, Destruction, and Rebirth](#)" in Bass 305 (Broadcast in SHM C103). Host: Enrique De La Cruz. Tea at 3:45pm.

4:00pm: Department of Chemistry Lecture in Inorganic Chemistry. Gabriel Ménard, University of California, Santa Barbara, "[Targeting Energy Solutions: From Fundamental to Applied Inorganic Redox Chemistry](#)" in Sterling Chemistry Lab 160.

Tuesday, February 4

4:00pm: Molecular Biophysics & Biochemistry Informal Seminar. Alwin Köhler, University of Vienna, "[The role of liquid-liquid phase separation in nuclear ubiquitin signaling](#)" in Bass 305. Host: Christian Schlieker.

4:00pm: Department of Chemistry 3rd Annual Johnson-Sessler Lecture in Chemistry. Edward Solomon, Stanford University, "[Activating Metal Sites for Biological Electron Transfer](#)" in Sterling Chemistry Lab 160.

Wednesday, February 5

4:00pm: Geology & Geophysics Colloquium. Emily Rayfield, University of Bristol, "Title TBA" in Kline Geology Lab 123.

Thursday, February 6

11:00am: Department of Applied Physics Special Solid State & Optics Seminar. Prof. Kevin Pichler, TU Vienna, "[Optimal wave fields for micromanipulation in complex scattering environments](#)" in Yale Quantum Institute Common Space. Host: Prof. Douglas Stone.

2:30pm: Yale Astronomy & Astrophysics Colloquium. Judith Provencal, University of Delaware, "[Exploring Stellar Astrophysics with Pulsating White Dwarfs](#)" in Watson Center A-51.

Friday, February 7

11:00am: Department of Applied Physics Applied Physics Seminar. Dr. Chun-Wei Chan, Penn State University, "[Ultrafast Manipulations of Light with Soft Chiral Photonic Crystals](#)" in Becton 227. Host: Prof. Hui Cao.

12:00pm: Wright Lab Event. [3 Minute Thesis: Competition Practice Round](#) in Wright Lab 216. [RSVP Required](#).

4:00pm: Yale Quantum Institute Physics Open Mic. Baptiste Royer, Yale University, "[What happens to qubit without cavities? Introduction to waveguide QED](#)" in Yale Quantum Institute Seminar Room.

Saturday, February 8

9:00am: Girls' Science Investigations. [Session #3: The Electronic World](#) in Sloane Physics Lab. [Registration 2019-2020 \(6-8 Grade Girls\)](#).

Sunday, February 9

3:00pm: Impact of the Atom Film and Lecture. "[Dr. Strangelove \(directed by Stanley Kubrick, 1964 USA\)](#)" in Whitney Humanities Center Auditorium. Host: Shelly Leshner.

[More events](#)

News

Reina Maruyama (Associate Professor of Physics) and HAYSTAC in Symmetry Magazine article about the axion Wright Lab professor Reina Maruyama and HAYSTAC in Symmetry Magazine article about the axion

Wright Lab associate professor of physics Reina Maruyama was featured in an article in Symmetry magazine called "The other dark matter candidate" about the axion.

Maruyama and professor of physics Steve Lamoreaux lead the HAYSTAC dark matter detector experiment, housed at Wright Lab, which is searching for axions.



Community



Climate and Diversity Committee

Happy Lunar New Year Everyone!

A study analyzing data on 9 million people in Sweden reveals that finding coworkers who complement, rather than substitute, ourselves maximizes the returns on education and wages. The right coworkers are those with skills you lack, yet needed to complete a team. The wrong coworkers are those who replicate your skillset and ultimately lower your value to the employer. More details on the report "How the value of your skills depends on with whom you work" [published in Science Advances](#).

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



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

This email was sent by: Department of Physics, Yale University
P.O. BOX 208120, New Haven, CT, 06520-8120 United States

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

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