

# Yale Department of Physics

Yale Physics Newsletter

March 29, 2019

For further information on any of the items included here or if you would like to contribute to the next newsletter, send email to [Daphne Klemme](mailto:Daphne.Klemme).

## Hints & Tips!

Welcome to our new hints and tips section! Please email [daphne.klemme@yale.edu](mailto:daphne.klemme@yale.edu) with any helpful tips that will help us work to our best ability.

---

We have had a recent spate of “burned” coffee pots. Please make sure to **turn off the burner or make a new pot when the pot is empty.**

## Climate and Diversity Committee News

A Note from the [Climate and Diversity Committee](#) (CDC).

The CDC convenes once a month. If interested in joining please contact Helen Caines ([helen.caines@yale.edu](mailto:helen.caines@yale.edu), Chair of CDC). You may contact the whole committee at [physics-cdc@mailman.yale.edu](mailto:physics-cdc@mailman.yale.edu)

## News

### From the Chair

I want to thank the many Physics and Applied Physics staff members and graduate students who worked very hard to make this year's prospective graduate student open house a success. As you know, based on your suggestions, we made many changes to this year's event. As you might expect with so many changes, there were a few glitches. But I am very pleased to report I received many positive comments from our visitors.

Without the superb work of our staff and the generous volunteer effort of our graduate students, the open house would not have been the success it was. Many thanks to all!

Best,  
Paul

[Click here for updated department news.](#)

## Save the Date

The Second Annual Howard L. Schultz Senior Prize Lecture will be held on Thursday, April 11, 2019 in Sloane Physics Lab, rm. 57 at 4:30pm - F. Duncan M. Haldane, 2016 Nobel Laureate in Physics, Princeton University, “Topological Quantum Matter, Entanglement, and the Second Quantum Revolution”.

## Seminars

### Monday, April 1

1:10pm in Sloane Physics Lab 56. Special Theoretical Physics Seminar. Debanjan Chowdhury, MIT, “Strange quantum matter: Fermi surfaces sans Fermi liquids”. Host: Jack Harris.

3:30pm in Sloane Physics Lab 57. Physics Club. Peter Graham, Stanford University, “The Precision Frontier of Particle Physics”. Host: David Moore. Tea after the talk outside the lecture hall.

### Wednesday, April 3

12:00pm in Sloane Physics Lab 52. Special Theoretical Physics Seminar. Nicole Yunger Halpern, Harvard-Smithsonian ITAMP, “Quantum steampunk: Quantum information meets thermodynamics”. Host: Jack Harris.

12:00pm in Advanced Biosciences Center 373 (Bldg. 840 on West Campus). Systems Biology Institute Seminar. Robert Bazell, Yale University, “Engage, Entertain and Inform: Announcing a Program to Help Scientists Communicate Their Work More Effectively to the Public”.

2:30pm in Watson Center A-51. Yale Astronomy & Astrophysics Colloquium. Yun Wang, Caltech/IPAC, “ATLAS Probe: Breakthrough Science of Galaxy Evolution, Cosmology, Milky Way, and the Solar System”.

4:00pm in Osborn Memorial Lab 202. Molecular, Cellular and Developmental Biology Seminar. Anna Dobritsa, Ohio State University, “Pollen apertures as a model for formation of distinct plasma membrane domains”. Host: John Carlson & Josh Gendron. Tea at 3:45pm.

4:00pm in Head of College House, Grace Hopper College. Department of Mathematics Colloquium. Asher Auel, Yale University, “The education of Grace Hopper, mathematician”.

### Thursday, April 4

12:30pm in Kline Geology Lab 123. Department of Geology & Geophysics Colloquium. Adina Paytan, University of California, Santa Cruz, “Insights into global carbon cycling from a 35 Ma record of Sr isotopes in seawater”.

1:00pm in Wright Lab 216. Nuclear Particle Astrophysics (NPA) Seminar. Daniel Ceba, UC-Davis, “Studying the QCD Phase Transition: Results from the RHIC Energy Scan and Prospects for the Future”. Host: Saehanseul Oh. Lunch in Wright Lab-Connector 245 at 12:00pm. [RSVP required.](#)

**Saturday, April 6**

9:00am in Sloane Physics Lab. Girls' Science Investigations.  
Session #4: The Robotic World".

For more seminars see: <http://physics.yale.edu/calendar>

The **6th Annual Yale Biophysics and Structural Biology Symposium** will take place April 26, 2019 in SCL 160. Yale graduate students and professors will present their research throughout the day. Breakfast and lunch will be provided, followed by a social hour. Graduate students/post-docs are encouraged to present a poster. [Please follow the link to register.](#)

**Announcements**

[Please click here for updates on the Yale Science Building, including a new logistics plan.](#) The project encompasses the construction of a new state of the art sciences laboratory at the approximate location of the demolished J.W. Gibbs building, a comprehensive renovation of the KBT Plaza, a lecture hall, and a common area at the south end of KBT Plaza.

---