

Yale Department of Physics

Yale Physics Newsletter

October 5, 2018

Hints & Tips!

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

When submitting expense reports **please circle or underline identifying information on receipts**. When you highlight a section on a receipt that highlighted portion comes out blocked without any information contained within.

News

Helen Caines (Associate Professor of Physics) has been elected a Fellow of the American Physical Society for her outstanding contributions to physics. The citation on her fellowship certificate is:

"For her pivotal role in promoting the beam energy scan at RHIC and measurement of the energy dependence of jet quenching through development of techniques for full jet reconstruction in relativistic heavy ion collisions."

For more information see the APS website. Congratulations!

Pierson Sage Garage Roof Top – The roof exit will be closed for an indefinite period due to a safety hazard. Currently entry at the roof and entry exit at lower level are all operational. The roof entry gate will be raised from 3PM-5PM to allow for exiting.

APS Conferences for Undergraduate Women in Physics (CUWIP) 2019

Conference dates are **January 18-20, 2019**. The Application will open on September 3, 2018.

[For further information please see CUWiP application page](#). The application deadline is October 12, 2018.

[Click here for printable version of the poster](#).

For more news please see <http://physics.yale.edu/news>

Announcements

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).

Flu Shot Information

Flu Shot Clinics

Save the Date

The Yale Physics Olympics will be held on Saturday, October 13, 2018. [See the website for further information!](#)

Seminars

Monday, October 8 Monday Lunch Seminar. Kyle Serniak, Yale University, "Hot Nonequilibrium Quasiparticles in Transmon Qubits", YQI Seminar room at 1:00pm. Host: Michel Devoret.

Monday, October 8 Physics Club. Mark Messier, Indiana University, "Next Questions for Neutrinos: Recent results from the NOvA Experiment", SPL 57 at 3:30pm. Host: Bonnie Fleming. Tea outside the lecture room after the talk.

Monday, October 8 Special Seminar on Semiconductor Devices and Technology. Professor Qiangfei Xia, University of Massachusetts Amherst, "CMOS Scaling Techniques and Beyond – CMOS Devices", BCT 3rd Floor Alcove at 3:30pm. Host: T.P. Ma.

Tuesday, October 9 Dissertation Defense. James Mulligan, Yale University, "Inclusive jet measurements in Pb-Pb collisions with ALICE", WL 216 at 11:00am. Thesis Advisor: John Harris.

Tuesday, October 9 Atomic Physics Seminar. Jere Mäkinen, Aalto, "Vortices and their dynamics in superfluid helium-3", SPL 52 at 2:00pm. Host: Nir Navon.

Tuesday, October 9 Department of Chemistry Silliman Lecture in Theoretical Chemistry. Professor Krishnan Raghavachari, Indiana University, "Fragment-based Quantum Chemical Methods for Calculating Accurate Energies and Properties of Large Molecules and Nanoscale Systems", SCL 160 at 4:00pm.

Wednesday, October 10 Solid State & Optics Seminar. Prof. Mercedeh Khajavikhan, University of Central Florida, "Non-Hermitian Photonics: Optics at an Exceptional Point", BCT Seminar Room at 1:00pm. Host: Jack Harris.

Wednesday, October 10 Mechanical Engineering and Materials Science Seminar. Jeff Saven, UPenn, "Designing and Redesigning Proteins and Bimolecular Materials", ML 107 at 2:30pm. Host: Corey O'Hern.

Wednesday, October 10 Molecular, Cellular and Developmental Biology Seminar. Andrew Xiao, Yale Stem Cell Center, "A surprising epigenetic control of DNA secondary structures in stem cells and cancers", SCL 160 at 4:00pm. Host: Weimin Zhong. Tea at 3:45pm.

Wednesday, October 10 Department of Mathematics Colloquium. Ivan Penkov, Jacobs University, Bremen, "Primitive ideals of $U(\mathfrak{sl}(\infty))$, $U(\mathfrak{o}(\infty))$, $U(\mathfrak{sp}(\infty))$ ", LOM 215 at 4:15pm.

Thursday, October 11 Condensed Matter Seminar. Sheng-Jie Huang, University of Colorado at Boulder, "Title TBA", SPL 52 at 1:00pm. Host: Meng Cheng.

Thursday, October 11 Nuclear-Particle-Astrophysics (NPA) Seminar. Jurgen Schukraft, CERN, "Highlights from 30 Years of Ultra-relativistic Heavy Ion Physics", WL 216 at 1:00pm. [RSVP for lunch](#).

Thursday, October 11 Yale Astronomy & Astrophysics Colloquium. Josh Winn, Princeton University, "Title TBA", WTS A-51 at 2:30pm.

Thursday, October 11 Department of Chemistry Lecture in Organic Chemistry. Professor Maria Luz Lopez Rodriguez, Universidad Complutense de Madrid, "Chemistry as the Helping Tool to Develop New Therapeutic Strategies", SCL 160 at 4:00pm.

Friday, October 12 Geology & Geophysics Colloquium. Anat Shahar, Carnegie Geophysical Institute, "Exploring Planetary Differentiation Through an Isotopic Lens", KBL 123 at 4:00pm.

Saturday, October 13 Yale Physics Olympics in Sloane Physics Lab, 9:00am-4:00pm.

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

Flu shots are free for all Yale staff, faculty, students, seniors and Yale Health members.

Adults and children over 5 years of age can go to any of the flu clinics. Children 6 months through 4 years can ONLY go to the flu clinics offered at the Yale Health Pediatrics Department. Children under 18 years old must be accompanied by an adult.

High dose flu vaccine is available at all of the flu clinics except the ones at the Yale Health Pediatrics Department.

Date	Time	Location	Ages
Wed., Oct. 10	10am to 3pm	Yale School of Medicine, Harkness Lounge	5 years and older
Sat., Oct. 13	9am to 1pm	Yale Health Pediatrics, 3rd floor	6 months and older
Fri., Oct. 19*	10am to 3pm	Yale Health Center, 1st Floor	5 years and older
Wed., Oct. 24	4:30pm to 7pm	Yale Health Pediatrics, 3rd Floor	6 months and older
Sat., Oct. 27	9am to 1pm	Yale Health Pediatrics, 3rd Floor	6 months and older
Tues., Oct. 30*	10am to 3pm	Yale Health Center, 1st Floor	5 years and older
Fri., Nov. 2	10am to 2pm	West Campus, School of Nursing	5 years and older
Tues., Nov. 6	10am to 3pm	Yale School of Medicine, Harkness Lounge	5 years and older
Thurs., Nov. 15*	2pm to 7 pm	Yale Health Center, 1st Floor	5 years and older
Sat., Nov. 17	9am to 1pm	Yale Health Pediatrics, 3rd Floor	6 months and older
Tues., Nov. 27*	2pm to 7pm	Yale Health Center, 1st Floor	5 years and older
Sat., Dec. 1	9am to 1pm	Yale Health Pediatrics, 3rd Floor	6 months and older

*On these dates Flu FIT home-based colon cancer screening kits will be available for eligible adults with a Yale Health primary care provider.

[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.

The Yale University Chemical and Biophysical Instrumentation Center, in conjunction with Rigaku Americas Corporation, is pleased to announce the **6th Rigaku Symposium** to take place on Friday, October 19, 2018 in the Chemistry Department at Yale University.

[Click here for more information.](#)

Please join us for a day of stimulating talks and networking. This event is free and open to the public but [pre-registration is required](#). Breakfast, lunch and an evening reception are included during the Symposium.

From ITS - Report a Spam/Phishing Message

What is a spam message?

Spam mail, also known as junk mail, is unsolicited email messages sent in bulk. Spam/junk mail is often commercial in nature.

What is a phishing message?

A phish is an email message that attempts to steal user information such as usernames, passwords, and financial data. Phishing messages appear to come from a trustworthy source and often include links and/or attachments.

Click with Caution

If you receive any unexpected or suspicious email messages that contain links or attachments, do not click on the links or open the attachments. Instead, report the email to the Information Security Office.

How can I report a suspicious email?

If you receive a message via email that seems suspicious, report it to the Information Security Office by following the steps below:

[View full message headers.](#) These headers will provide technical information about the message such as who created it and how it made its way to the recipients.

Forward a copy of the message including a copy of the full headers to abuse@yale.edu.

If you suspect the message is a phish, please also call the ITS Help Desk at 203-432-9000 so the message can be more quickly blocked.