

Yale Department of Physics

Yale Physics Newsletter

February 2, 2018

News

From Yale Health – The Current Influenza (flu) Season

At Yale and across the State of Connecticut, we are seeing a large number of flu cases. Flu symptoms often include fever, chills, body aches, sore throat, cough, runny nose and headaches. [Read more about the flu, flu care and getting vaccinated.](#)

§

Yale University Housing Fair

Home is where you make it!
Find your housing here!
Sunday, February 11, 2018
1:00 p.m. – 4:00 p.m.
Yale on York

Yale Housing Office will be hosting its fourth annual Housing Fair on Sunday, February 11, 2018, from 1:00 p.m. to 4:00 p.m. at Yale on York, 150 York Street, New Haven, and we invite you to attend.

Our intent is to inform our graduate students, faculty and staff about the latest housing options in the greater New Haven area. [Click here](#) for more information.

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).

§

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.

Save the Date

Session Three (The Material World) of Girls' Science Investigations will be held on Saturday, February 17, 2018. For further information go to <https://gsi.yale.edu/> and to volunteer go to <https://gsi.yale.edu/volunteering>.

Seminars

Monday, February 5 Department of Mechanical Engineering and Materials Science Seminar. Po-Chun Hsu, Stanford University, "Light- and heat-managing nanomaterials for personal health and energy efficiency", ML 107 at 2:30pm. Host: Prof. Udo Schwarz.

Monday, February 5 41st Hanan Rosenthal Memorial Lecture. Alain Aspect, Institut d'Optique, "From the Einstein-Bohr debate to quantum information: the second quantum revolution", SPL 59 at 4:00pm (overflow in SPL 57). Host: Nir Navon. There will be a reception at 3:00pm before the talk in SPL 3rd Floor Lounge.

Tuesday, February 6 Yale Center for Astronomy and Astrophysics Seminar. Natalia Lewandoska, Greenbank Telescope, "A Multiwave View of Pulsars", WTS A-51 at 2:30pm.

Tuesday, February 6 Atomic Physics Seminar. Alain Aspect, Université Paris-Saclay, "Hanbury Brown-Twiss, Hong-Ou-Mandel, and other landmarks in quantum optics: from photons to atoms", SPL 56 at 4:00pm. Host: Nir Navon.

Wednesday, February 6 Department of Mechanical Engineering and Materials Science Seminar. Juan-Pablo Correa-Baena, MIT, "Promises and Challenges of Highly Efficient Perovskite Solar Cells", ML 107 at 2:30pm. Host: Prof. Udo Schwarz.

Wednesday, February 7 Department of Chemistry Lecture in Physical/Theoretical Chemistry. Professor Marco Caricato, University of Kansas, "Characterization of Structural and Electronic Properties of Materials from a Molecular Electronic Structure Theory Perspective", SCL 111 at 4:00pm.

Wednesday, February 7 Department of Mathematics Colloquium. Maria Chudnovsky, Princeton, "Induced Subgraphs and Coloring", LOM 215 at 4:15pm.

Thursday, February 8 Nuclear/Particle/Astrophysics Seminar. Mengjiao Xiao, Shanghai Jiao Tong University (SJTU), "Probing the Nature of the Universe from the Chinese Underground Experiments", WL 216 at 1:00pm. Hosts: Jayhyun Jo and Karsten Heeger.

Thursday, February 8 Department of Astronomy Colloquium. Taft Armandroff, University of Texas/Giant Magellan Telescope, "Update on the Development of the Giant Magellan Telescope", WTS A-51 at 2:30pm.

Friday, February 9 Dissertation Defense. Ariana Hackenburg, Yale University, "Measurement of a Neutrino-Induced Charged Current Single Neutral Pion Cross Section at MicroBOONE", WLC 245 at 1:00pm. Thesis Advisor: Bonnie Fleming

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