

Yale Department of Physics

Yale Physics Newsletter

April 6, 2018

News

Air B&B news

Policy 3301 Travel on University Business has been updated as part of the regular review process. Key points include the following:

- language is updated to reflect Workday terminology and processes;
- provisions are now included in Section 3301.4 Lodging to outline permissible use of Airbnb;
- regarding Airbnb, use of the Yale PCard and Yale's [Airbnb Business Platform](#) are the preferred methods, but are not mandatory;
- a new section, 3301.12 Value Added Tax (VAT), has been added to describe the responsibility of University travelers when seeking refunds of VAT.

Yale Airbnb page still says, "Airbnb arranged in any other manner will not be reimbursed", but policy 3301.4 Lodging says "Yale travelers are permitted to use Airbnb for lodging. The preferred method for arranging Airbnb lodging is the [Yale Airbnb for Business platform](#), using a Yale email address. The preferred method of payment for Airbnb is the Yale PCard. Please also see the [Yale Airbnb page](#) for more information." The former requirements for Airbnb are now preferred per Yale policy.

§

Connor Hann (Graduate Student with Liang Jiang) has received a 2018 National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellowship. Congratulations to Connor! [Click here](#) for full story.

§

Emily Kuhn (Graduate Student with Laura Newburgh) has received a 2018 National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellowship. Congratulations to Emily! [Click here](#) for full story.

§

Hui Cao has been named the Frederick W. Beinecke Professor of Applied Physics. She focuses her research on mesoscopic physics and nanophotonics. [Click here for the announcement in YaleNews.](#)

Save the Date

The Vernon Hughes Memorial Lecture is scheduled for April 9, 2018 and the Leigh Page Prize Lectures are April 23-34, 2018.

Seminars

Monday, April 9 The Eighth Vernon W. Hughes Lecture. Elena Aprile, Columbia University, "The Search for Dark Matter Weakly Interacting Massive Particles with the XENON project", SPL 59 at 4:00pm. Host: Francesco Iachello. Tea after the talk in Sloane Physics Lab, 3rd Floor Lounge.

Monday, April 9 Department of Molecular Biology & Biophysics Seminar. Alanna Schepartz, Yale University, "Visualizing organelles at super-resolution for (almost) forever", Bass 305 at 4:00pm.

Monday, April 9 The Franke Program in Science and the Humanities. Dava Sobel, acclaimed author of numerous books, "Constructing the Glass Universe", Whitney Humanities Center Auditorium at 4:00pm.

Monday, April 9 The 2018 Nyquist Lecture in Electrical Engineering. Raffaello D'Andrea, ETH Zurich, "Preparing for the Coming Machine Revolution", Davies Auditorium at 4:00pm.

Monday, April 9 Department of Chemistry Lecture in Inorganic Chemistry. Professor Mingjiang Zhong, Yale University, "Rational Design of Branched Macromolecules for Emerging Applications", SCL 111 at 4:00pm.

Tuesday, April 10 Yale Quantum Institute Seminar. Hoi-Kwan (Kero) Lau, University of Chicago, "What is actually needed to quantum-compute with harmonic oscillators?", YQI Seminar Room at 11:00am.

Tuesday, April 10 Department of Molecular, Cellular and Developmental Biology Seminar. James E. Bear, University of North Carolina at Chapel Hill, "All the right moves: Regulating the cytoskeleton to achieve directional migration", SCL 110 at 11:30am. Host: Paul Forscher. Tea before the talk at 11:15am.

Tuesday, April 10 Department of Chemistry Lecture in Chemical Biology. Professor Roberto Bonasio, University of Pennsylvania, "Title TBA", West Campus Conference Center at 1:00pm.

Tuesday, April 10 Particle Theory Seminar. Ira Rothstein, CMU, "Symmetry Obstruction to Fermi Liquid Behavior in the Unitary Limit", SPL 52 at 4:00pm.

Tuesday, April 10 University Town Hall on Gender Equity. "Uses and Abuses of Power in the Academy: Cultivating a Culture of Bystander Action and Advocacy". A mixed-format session of dramatizations, expert commentary, and open discussion, with the aim of illustrating and exploring constructive community responses to instances of bias, stereotyping, intimidation, or harassment. SSS 114 at 4:00pm.

Wednesday, April 11 Wright Lab Event YPPDO Seminar. Savas Gider, Apple, Inc., "Solid state physics in the wild", WL 216 at 1:00pm. Host: Danielle Norcini. Lunch is served in WLC 245 starting at 12:30pm. [RSVP requested.](#)

Wednesday, April 11 Biophysics Training Grant Invited Speaker. Nobel Laureate W.E. Moerner, Stanford University, "Single Molecules for 3D Super-Resolution Imaging and Single-Particle Tracking in Cells: Methods and Applications", SCL 110 at 3:30pm.

Wednesday, April 11 Department of Geology & Geophysics Colloquium. Caroline Strömberg, University of Washington, "The past is the key to the present: Using fossil plant silica to reconstruct the Cenozoic assembly of Earth's grassland", KGL 123 at 4:00pm.

Thursday, April 12 Department of Astronomy Colloquium. Laura Kreidberg, Harvard-Smithsonian Center for Astrophysics, "Exoplanet Atmosphere Characterization, Present and Future", WTS A-51 at 2:30pm.

Friday, April 13 Yale Quantum Institute Colloquium. Amir Safavi-Naeini, Stanford University, "Gigahertz nanophononic devices for quantum information processing", YQI Seminar Room at 12:00pm.

Saturday, April 14 Girls' Science Investigations. "The Chemical World", Sloane Physics Lab 9:00am-2:00pm. For Intermediate School girls by [RSVP only](#).

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

Danielle Norcini (Graduate Student) and **Savannah Thais** (Graduate Student) have been named co-recipients of the 2018 D. Allan Bromley Graduate Fellowship in Physics. [Click here for full story](#).

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](#).

§

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.