

Yale Department of Physics

Yale Physics Newsletter

April 13, 2018

News

Kimmy Cushman (Graduate Student) has been awarded a DOE Computational Science Graduate Fellowship. Congratulations to Kimmy! [Click here](#) for full story.

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From Yale Travel News - *Six Helpful tips when booking your hotel with Egencia*

1. Looking for a particular hotel brand? Use the 'Brands' filter on the top right of the results page.
2. Traveling during a busy week in a large city? Egencia will tell you how many rooms are left at each hotel.
3. Is the hotel eligible for loyalty points? On the hotel results rate page, check if the rate is eligible for loyalty points.
4. Does the hotel offer free breakfast, WiFi or parking? Check the results rate page.
5. What's the cancellation policy? The cancellation policy is listed on the hotel results rate.
6. Need to cancel your hotel reservation? Go to the trips page, on the hotel trip card click cancel and follow the process.

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From Yale Travel News - *Visa Photo Requirements*

Your photo could influence your visa approval

Your digital image or photo is accepted for use at the discretion of the U.S. embassy or consulate where you apply. Consulates have very strict rules when it comes to photo specifications and requirements and will deny a visa application if their guidelines are not met. Specific requirements can range from head angle, expression, background, lighting, accessories, and size and can vary based on destination and jurisdiction.

Yale's preferred vendor, CIBT offers a Digital Photo Service which allows you to upload your photo to their website and then they make sure your photo meets government and consular requirements. [Click here to learn more.](#)

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

Save the Date

The Leigh Page Prize Lectures are scheduled for April 23-34, 2018.

Seminars

Monday, April 16 Department of Chemistry Lecture in Chemical Biology. Professor Helge Bode, Goethe University, Frankfurt, "Title TBA", West Campus Conference Center at 1:00pm.

Monday, April 16 Physics Club. Ehud Altman, University of California, Berkeley, "Chaos, thermalization and the dynamics of quantum information: how quantum butterflies produce classical storms", SPL 57 at 3:30pm. Host: Nir Navon. Tea after the talk in Sloane Physics Lab, 3rd Floor Lounge.

Monday, April 16 Department of Molecular Biophysics & Biochemistry Seminar. Martin Schmeing, McGill University, "Structures and functions of nonribosomal peptide synthetases, macromolecular nanofactories", Bass 305 at 4:00pm. Host: Yong Xiong.

Tuesday, April 17 Wright Lab WIDG Seminar. Chiara Pancaldo Salemi, MIT, "ABRACADABRA, A Search for Low-Mass Axion Dark Matter", WLC 245. Lunch will be served starting at 11:45am outside WLC 245. [RSVP required.](#)

Tuesday, April 17 Atomic Physics Seminar. Ruwan Senaratne, University of California, Santa Barbara, "Strongly-Driven Cold Atom Systems", SPL 52 at 2:00pm. Host: David DeMille.

Tuesday, April 17 Department of Chemistry Lecture in Theoretical Chemistry. Professor Celia Schiffer, University of Massachusetts, "Constraining Evolution → Avoiding Drug Resistance Lessons from Viruses", SCL 160 at 4:00pm.

Wednesday, April 18 Department of Mechanical Engineering and Materials Science Seminar. Petia M. Valhovska, Northwestern University, "Electrohydrodynamic instabilities of viscous drops in strong electric fields", ML 107 at 2:30pm. Host: Professor Juan de la Mora. Refreshments served at 2:15pm.

Wednesday, April 18 Department of Molecular, Cellular and Developmental Biology Seminar. John Werren, University of Rochester, "Evolution of New Gene Functions: Lateral Gene Transfers and Expression Evolution", SCL 160 at 4:00pm. Host: Mark Hochstrasser. Tea at 3:45pm.

Wednesday, April 18 Department of Geology & Geophysics Colloquium. Jessica Irving, Princeton University, "Seismic probes of Earth's core: low and high frequency investigations", KGL 123 at 4:00pm.

Thursday, April 19 Yale Quantum Institute Seminar. Chiao-Hsuan Wang, Joint Center for Quantum Information and Computer Science, "Controlling the temperature and chemical potential of light", YQI Seminar Room at 11:00am.

Thursday, April 19 Wright Lab Nuclear/Particle/Astrophysics Seminar. Sasha Rahlin, Fermilab Center for Particle Astrophysics, "SPT-3G: Constraining High Energy Physics from the Cosmic Microwave Background", WL 216 at 1:00pm. Lunch will be served at 12:00pm in WLC 245. [RSVP required.](#)

Thursday, April 19 Condensed Matter Seminar. Michael Zalel, Princeton University, "Title TBA", SPL 52 at 1:00pm.

Thursday, April 19 Department of Astronomy Colloquium. Sangeeta Malhotra, Goddard Space Flight Center, "Title TBA", WTS A-51 at 2:30pm.

Thursday, April 19 Department of Chemistry Lecture in Organic Chemistry. Professor Jenny Yang, University of California, Irvine, "(Electro)catalysis for Renewable Fuels", SCL 111 at 4:00pm.

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

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@yale.edu).

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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.