

Yale Department of Physics

Yale Physics Newsletter

December 1, 2017

News

The Physics Department will be holding its annual Holiday Luncheon on Monday, December 11, 2017 from 12: to 3:00 in SPL 3rd floor lobby. We will be accepting donations for Toys for Tots. We encourage you to join in the holiday spirit of giving and bring a toy to the event.

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Prizes! Prizes! Prizes! Look for our five-question quiz in the December 15th issue of the newsletter. Testing your knowledge of the physics department weekly newsletter by testing your knowledge. The winner will receive a departmental hoodie (any undergraduate student will receive a comparable prize) and a gift card.

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).

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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.

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It is time to update your benefits! From December 1 – December 15 at 5pm, to change or newly elect benefits, go to your Workday inbox. [Click here](#) for instructions.

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Yale Health Center – Get your Flu shot!

[Flu Shot Information](#)

Flu clinics are available on a walk-in basis for Yale Health members, Yale University employees, and Yale University students. Children under 18 must be accompanied by a parent or guardian. No registration is necessary.

Save the Date

December 11, 2017 is the Holiday luncheon! Look for the formal invite to come shortly.

Seminars

Monday, December 4 Physics Club. L. Mahadevan, Harvard, “Morphogenesis: geometry, physics and biology”, SPL 57 at 3:30pm. Host: R. Shankar. Tea after the talk at 4:30 in Sloane Physics Lab 3rd Floor Lounge.

Tuesday, December 5 Yale Physics Professional Development Organization (YPPDO) Event. E. Kirk Miller, Special Technologies Laboratory, “Novel Measurements for Stockpile Stewardship”, WL 216 at 11:00am. Host: YPPDO. Lunch following the talk, [RSVP](#).

Tuesday, December 5 Yale Center for Astronomy & Astrophysics Seminar. Tony Wong, University of Illinois, “Resolving the substructure of molecular clouds in the LMC”, WTS A-51 at 2:30pm. Coffee and tea will be served before the talk starting at 2:00pm in the coffee lounge at 52 Hillhouse.

Tuesday, December 5 Particle Theory Seminar. Kohsaku Tobioka, Stony Brook, “Title TBA”, SPL 52 at 4:00pm.

Tuesday, December 5 Lecture in Physical Chemistry. Prof. Xiaoyang Zhu, Columbia University, “Polarons, Polaritons, and the Lead Halide Perovskite Puzzle”, SCL 160 at 4:00pm. [Click here](#) to watch.

Tuesday, December 5 Yale Quantum Institute/Franke Program Nontechnical Talk. Daina Taimina, Cornell, “Crocheting Adventures with the Hyperbolic Planes: how crochet will help you understand maths”, LC 102 at 7:30pm. [Click here](#) for tickets.

Wednesday, December 6 Molecular, Cellular and Developmental Biology Seminar. Rebecca A. Butcher, University of Florida, “Structure, biosynthesis, and mechanism of small-molecule signals controlling development in *C. elegans*”, SCL 160 at 4:00pm. Host: Anna Pyle. Tea at 3:45pm.

Wednesday, December 6 Geology & Geophysics Colloquium. Roberta Rudnick, University of California at Santa Barbara, “Title TBA”, KGL 123 at 4:00pm.

Thursday, December 7 Condensed Matter Seminar. Tianci Zhou, University of Illinois at Urbana-Champaign, “Title TBA”, SPL 52 at 1:00pm.

Thursday, December 7 Astronomy Colloquium. Eric Ford, Penn State University, “Title TBA”, WTS A-51 at 2:30pm.

Friday, December 8 PEB Career Series. Panel Discussion – Careers in Government. Anna Brady-Estevez, NSF; Andrew Mack, MIT Lincoln Laboratory; Robin Stanley, National Institute of Environmental Health Sciences; and Thomas Ullrich, Brookhaven National Laboratory, SPL 57 at 4:30pm. Tea/Coffee and cookies will be served.

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