

Yale Department of Physics

Yale Physics Newsletter

May 25, 2018

News

Congratulations to our recent graduates on their accomplishments! Good luck in your future endeavors!

§

Howard L. Schultz and DeForest Pioneer Prize recipients for Yale College Class of 2018. Congratulations to **Alexander Atanasov** (YC'2018) Physics major, **Nathaniel Barbour** (YC'2018) Physics (Int.) major, **William Eckner** (YC'2018) Physics (Int.) major, **Aaron Hillman** (YC'2018) Physics (Int.) major, **Ilana Kaufman** (YC'2018) Physics major, **Gabrielle Roberts** (YC'2018) Physics (Int.) major, and **Dylan Young** (YC'2018) Physics (Int.) major for winning the Howard L. Schultz Prize awarded by the Physics Department. Congratulations also go to **Arina Bykadorova** (YC'2018) Mathematics & Physics major for winning the DeForest Pioneer Prize awarded by the Yale Department of the Secretary.

§

Congratulations to **Elizabeth Boulton** on the successful defense of her thesis topic "Applications of Two-Phase Xenon Time Projection Chambers: Searching for Dark Matter and Special Nuclear Materials"! Her thesis advisor was Daniel McKinsey.

§

Congratulations to **Jared Vasquez** on the successful defense of his thesis topic "Illuminating the Higgs boson: Measurement of the properties of the Higgs boson in the diphoton channel"! His thesis advisor was Paul Tipton.

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

Summer Sessions for 2018 run as follows: Session A – May 28-June 29 and Session B – July 2-August 3.

Seminars

Wednesday, May 30 Dissertation Defense. Fangzhou (Albert) Zhu, Yale University, "Information Mining in the Large Scale Structure of the universe", SPL 56 at 1:30pm. Thesis Advisor: Nikhil Padmanabhan.

Thursday, May 31 Wright Lab Event NPA Seminar. Volker Werner, Technische Universität Darmstadt / Yale, "Nuclear Shape Coexistence and Implications for (Neutrino-less) Double-Beta Decay", WLC 216 at 1:00pm. Lunch in WLC-245 at 12:00 noon. [RSVP required](#).

Friday, June 1 Yale Quantum Institute Colloquium. Klaus Richter, University of Regensburg, "Many-body interference, chaos and operator spreading in interacting quantum systems", YQI Seminar Room at 12:00pm.

Friday, June 1 Atomic Physics Seminar. Konrad Viebahn, Cambridge, "Ultracold atoms in a two-dimensional optical quasicrystal", SPL 52 at 2:00pm. Host: Nir Navon.

Tuesday, June 5 Department of Applied Physics Special Solid State & Optics Seminar. Prof. Dan Gauthier, Ohio State University, "Reservoir computing: Harnessing a universal dynamical system", Becton Seminar Room at 11:00am. Host: Michel Devoret.

Sunday, June 17-Saturday, June 30 Wright Lab Event 2018 National Nuclear Physics Summer School at Yale. Yale's Wright Lab has been chosen by the Institute for Nuclear Theory to host the 2018 National Nuclear Physics Summer School at Yale, to be held from June 17-30, 2018.

[Click here for Summer School Web Site.](#)

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

Parking Announcement – Pierson Sage Parking Garage

In order to do repairs at the roof level entry/exit both lanes will need to be closed for two weeks.

This closure is expected to begin in approximately one week. As soon as we know the date we will share that with you.

During the closure ALL traffic will need to enter and exit via the lower level. Enter at Whitney/Humphrey, proceed through the lot 16 gate and to the garage.

Once the deck work is complete, a good portion of the traffic disruption will also disappear. The major structural project will continue on into the fall.

Science Hill CHW Pipe Installation - Starting May 29th, the walkway and surrounding area from Sloane/KBT to Sachem St. will be closed for the summer due to the installation of chilled water lines. On the picture below, the blue line represents the closed area and the green dotted lines show alternative walkways. [Click here for a presentation given regarding the closure.](#)

