

Yale Department of Physics

Yale Physics Newsletter

March 2, 2018

News

Congratulations to **Yvonne Gao** on her successful defense of her thesis “Multi-cavity Operations in Circuit Quantum Electrodynamics”! Her thesis advisor was Robert Schoelkopf.

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Congratulations to **Xin Li** on her successful defense of her thesis “Nano-confined interfaces: from artificial ion channels to nanofluidic battery”! Her thesis advisor was Mark Reed.

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.

Save the Date

Spring Recess is coming! March 9-25, 2018. Also, please be on the lookout for prospective graduate students visiting during the Graduate Admissions Open House April 6-7, 2018.

Seminars

Saturday, March 3 Yale Pathways to Science – Science on Saturdays at Yale, Fun Science Lectures for “Kids” of all ages. Kanani Lee, Geology & Geophysics, Yale University, “Geophysics of the Deep Earth and Exoplanets”, Sterling Chemistry Laboratory – Hands-on demonstrations 10:00am-11:00am with lecture 11:00am-12:00pm. Admission is free and open to the public.

Monday, March 5 Physics Club. Joseph Thywissen, University of Toronto, “Ultracold Dynamics”, SPL 57 at 3:30pm. Host: Nir Navon. Tea after the talk in SPL 3rd Floor Lounge.

Monday, March 5 Department of Molecular Biophysics & Biochemistry Seminar. Hao Wu, Harvard Medical School, “Inflammasomes and the downstream pore-forming protein gasdermin”, Hope 110 at 4:00pm.

Tuesday, March 6 Yale Center for Astronomy and Astrophysics Seminar. Kimberly Ennico Smith, NASA SOFIA/USRA, “Star & Planet Formation Studies and Opportunities with SOFIA”, 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, March 6 Department of Chemistry Lecture in Organic Chemistry and Chemical Biology. Daniel Kahne, Harvard University, “Molecular Machines that Build Membranes”, SCL 160 at 4:00pm.

Wednesday, March 7 Department of Molecular, Cellular and Developmental Biology Seminar. John MacMicking, Yale University, “Coping with a Microbial World: How Cells Defend Against Infection”, SCL 160 at 4:00pm. Host: Nicole Clay. Tea before the talk at 3:45pm.

Thursday, March 8 Department of Astronomy Colloquium. Brian Metzger, Columbia, “The Multi-Messenger Picture of a Neutron Star Merger”, WTS A-51 at 2:30pm.

Thursday, March 8 Special Particle Theory Seminar. Andreas Nyffeler, University of Mainz, “Title TBA”, SCL 160 at 4:00pm. Host: Josh Gendron. Tea before the talk at 3:45pm.

Friday, March 9 Center for Teaching and Learning STEM Education Seminar. Dr. Annalisa Crannell, Franklin & Marshall College, “Inquiry and Engagement in an interactive classroom”, WTS B60 at 11:00am. [RSVP](#) for Lunch discussion after the talk.

Friday, March 9 Wright Laboratory Nuclear/Particle/Astrophysics Seminar. Shelly Leshner, University of Wisconsin-La Crosse/University of Notre Dame, “Going Nuclear – Navigating Global Nuclear Issues”, WLC 216 at 1:00pm. [RSVP](#) for Lunch in WLC 245 at 12:00pm.

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