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Yale Physics



Upcoming Events

Monday, February 17

3:30pm: Physics Club. Diana Qiu, Yale University, "[Excitons in Flatland: Exploring and Manipulating Many-body Effects on the Optical Excitations in Quasi-2D Materials](#)" in Sloane Physics Lab 59. Host: Karsten Heeger. Tea after the talk.

Tuesday, February 18

1:00pm: Special Theoretical Physics Seminar. Julian B. Muñoz, Harvard University, "[Learning Cosmology from the First Stars](#)" in Wright Lab 216. Host: Bonnie Fleming.

2:00pm: Department of Applied Physics Special Solid State & Optics Seminar. Prof. Richard Haglund, Vanderbilt University, "Can vanadium dioxide enable ultrafast switching in silicon photonics?" in Yale Quantum Institute Common Space. Host: Owen Miller.

5:30pm: New Haven Museum. "A Man In Full: Dr. Edward Alexander Bouchet" by Playwright Calvin Alexander Ramsey. Admission is free. Donations welcome.

Wednesday, February 19

8:45am: Dissertation Defense. Luke Burkhart, Yale University, "[Error-Detected Networking for 3D Circuit Quantum Electrodynamics](#)" in Yale Quantum Institute Seminar Room. Thesis Advisor: Rob Schoelkopf.

11:00am: Special Event. Richard Rhoades, author, "[The Craft of Writing](#)" in Poorvu Center

120A.

4:00pm: Department of Molecular, Cellular and Developmental Biology Seminar. Roy Parker, HHMI; University of Colorado Boulder, "[RNP Granules in Health and Disease](#)" in Yale Science Building O.C. Marsh Lecture Hall. Host: Josien van Woilfswinkel. Tea at 3:45pm.

4:00pm: Computer Science Colloquium. Umesh Vazirani, University of California, Berkeley, "[Theoretical Reflections on Quantum Supremacy](#)" in Dunham Lab 220. Host: Nisheeth Vishnoi.

Thursday, February 20

11:00am: Experimental Quantum Seminar. Chenhao Jin, Cornell University, "[Probing moiré superlattices with optical spectroscopy](#)" in Sloane Physics Lab 59. Host: Bonnie Fleming.

12:00pm: Nuclear-Particle-Astrophysics Seminar. Richard Rhoades, American Author/Historian, "[The Los Alamos Primer](#)" in Wright Lab 216. Host: Shelly Leshner.

2:30pm: Yale Astronomy & Astrophysics Colloquium. John Monnier, University of Michigan, "[Imaging the Surfaces of Stars](#)" in Watson Center A-51.

4:00pm: Impact of the Atom Film and Lecture. Richard Rhoades, American Author/Historian, "[Arsenals of Folly: The Parasitism of Nuclear Policy](#)" in Yale Science Building O.C. Marsh Lecture Hall.

Friday, February 21

9:00am: Dissertation Defense. Judith Hoeller, Yale University, "[Topological quantization of Berry phases in quantum and classical systems](#)" in Sloane Physics Lab 52. Thesis Advisor: Nicholas Read.

Sunday, February 23

3:00pm: Impact of the Atom Film and Lecture. Shelly Leshner, Yale University, "[Atomic Café](#)" in Whitney Humanities Center Auditorium.

[More events](#)

News

Open House 2020!

The Physics and Applied Physics Graduate Open House will be held on March 26-27, 2020.

[Further Information](#)

*Yale Department of Physics &
Yale Department of Applied Physics*

March 26-27, 2020
Various Locations



The Physics and Applied Physics Open House is a chance to meet with prospective graduate students and introduce them to our programs and facilities.



Please [register](#) to be a student ambassador or for faculty meetings with prospective students.



Hosts: Steve Lamoreaux (Physics DGA), Bonnie Fleming (Physics DGS), Owen Miller (Applied Physics DGA), and Peter Raksich (Applied Physics DGS)

Sponsored by the Department of Physics, Department of Applied Physics, and Yale's Integrated Program in Physical and Engineering Biology

Community



Climate and Diversity Committee

In a report recently released by the AIP Statistical Research Center, "Mid-career" Physicists with PhD's were asked "What has helped you succeed in your career?" and "What have been the barriers to your career?"

[Physics PhDs Ten Years Later: Success Factors and Barriers in Career Paths](#))

The most frequently discussed factors related to career success were hard work, problem-solving skills, interpersonal skills, persistence, and education. While private sector physicists more frequently attributed career success to their skills and abilities, those working for the government or in academia more frequently attributed career success to hard work, persistence, and social support. Career success was more frequently attributed to skills and abilities by men, while women were more likely to attributed career success to social support. The report details a number of other findings.

If interested in joining the [CDC](#), please contact [Helen Caines](#), Chair of CDC. You may contact the whole committee at physics-cdc@mailman.yale.edu



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