Upcoming Events

Monday, November 16

4:00pm: Physics Club. Meng Cheng, Yale University, "Symmetry and anomaly in quantum phases of matter" via zoom. Host: Keith Baker.

4:00pm: Molecular Biophysics & Biochemistry Seminar. Taekjip Ha, Johns Hopkins University, "Conformational control: from single molecules to biotechnologies" via zoom. Host: MBB Graduate Students.

4:00pm: Department of Chemistry Inorganic Seminar. Prof. V. Sara Thoi, Johns Hopkins University, "Designing Functional Sites in Porous Materials for Energy Storage and Conversion" via zoom, email department for link. Host: Professor James Mayer.

Tuesday, November 17

1:00pm: Condensed Matter Seminar. Michal Papaj, MIT, "Segmented Fermi surfaces: discovery and applications" via zoom.

3:30pm: Particle Theory Seminar. Cliff Burgess, McMaster and Perimeter I, "Title TBA" via zoom.

4:00pm: Department of Chemistry Theoretical Seminar. Yuan Ping, University of California at Davis, "First-principles Spin Dynamics and Exciton Recombination for Materials in Quantum Information Science" via zoom. Host: Professor Sharon Hammes-Schiffer.
Wednesday, November 18

2:00pm: Wright Lab Computing Workshop. Tom Langford, Yale University, "Preparing a personal website with GitHub pages" via zoom, email for link.

3:30pm: Department of Earth & Planetary Sciences Colloquium. Rachel Wood, University of Edinburgh, "Tales from the Ediacaran-Cambrian transition", via zoom, email department for link.

4:15pm: Department of Mathematics Colloquium. Bruce Kleiner, NYU, "Title TBA" via zoom, email department for link.

Thursday, November 19

1:00pm: NPA Zoom Seminar. Ruby Byrne, University of Washington, "Precision Calibration and Cloud Computing Pipelines for 21 cm" via zoom.

2:30pm: Yale Astronomy Virtual Colloquium. Ekta Patel, University of California at Berkeley, "Dynamics of Local Group Satellite Galaxies in the Era of Precision Astrometry" via zoom, email department for link.

4:00pm: Department of Chemistry Seminar. Sarah Slavoff, Yale University, "Discovering and engineering peptides that regulate human cellular functions" via zoom. Host: Professor Jason Crawford.

Friday, November 20

12:00pm: Computer Science Distinguished Colloquium. Umesh Vazirani, University of California at Berkeley, "Theoretical Reflections on Quantum Supremacy" via zoom. Host: Nisheeth Vishnoi.

2:00pm: American Physical Society Webinar: TEAM-UP Report. The TIME is Now - Charting a Course to 2030. Click her for more information and to register.

News

Douglas Stone (Carl A. Morse Professor of Applied Physics) in Yale Daily News

From Yale Daily News (November 11, 2020), “On the same wavelength: Scientists collaborate to explore symmetry, waves".

COVID-19 Update - November 13th update

November 13, 2020: Update from the
University COVID-19 Coordinator wishing you good health and safe travels.

Please check Yale COVID-19 Statistics for current statistics. The current COVID-19 Alert Level is Yellow (see the site for an explanation).

- COVID-19 Workplace Guidance website
- Yale College COVID-19 Announcements and FAQs
- Graduate School for Arts and Sciences 2020-2021 Academic Year FAQs for Graduate Students
- Further information on Yale’s response
- Yale Physics COVID-19 site

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**Community**

Earlier this week the National Association for College Admission Counseling and the National Association of Student Financial Aid Administrators announced a joint initiative to reimagine the admissions and financial-aid system. How should the application process be changed if the primary goal was to enroll more students from underrepresented groups? Read more about the initiative in this article. As Marie Bigham, a former college counselor, and founder of Admissions Community Cultivating Equity and Peace Today (ACCEPT), notes "We are in crisis, because of Covid-19, because of a lack of affordability, because of racial injustice," “If we don’t see fundamental change before the world creates a new normal, we will have missed a window of opportunity.”

*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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**External Opportunities**
Facility positions

Faculty Position in Theoretical Condensed Matter Physics - University of California - Davis (Deadline November 15, 2020)

Faculty Position in Theoretical Physics - Department of Physics, Princeton (Deadline November 15, 2020)

Faculty Positions at the Perimeter Institute in Quantum Matter and Quantum Information Science (Deadline December 1, 2020)

Faculty Position in Theoretical Particle Physics at NYU (Deadline December 1, 2020)

Faculty Position in Electrical Engineering - Department of Electrical Engineering, Princeton (Deadline December 31, 2020)

Fellowships

Patti Grace Smith Fellowship (Deadline November 15, 2020)

American Physical Society Congressional Science Fellowship (Deadline December 15, 2020)

Perimeter Scholars International Program (PSI) - Early Application Deadline: November 15, 2020 & Final Application Deadline: February 1, 2021.

Educational Opportunities

American Physical Society Wiki Scientist Course (Deadline November 13, 2020).

Undergraduate Research


Caltech WAVE Fellows Undergraduate Research Program (Deadline January 9, 2021).

Undergraduate School on Experimental Quantum Information Processing and Undergraduate Research Award at the University of Waterloo, Canada (Deadline January 5, 2021).

REU Program In Neutrino Physics at The Center for Neutrino Physics, Virginia Tech (Application Cycle December 1, 2020 - February 1, 2021)