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# Yale Physics

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## 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.](#)

[More events](#)

## News



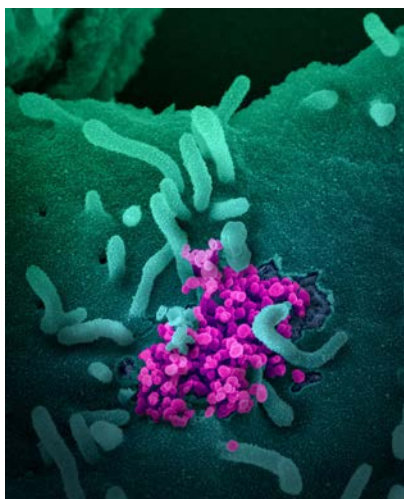
### Douglas Stone (Carl A. Morse Professor of Applied Physics) in Yale Daily News

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

[Read More](#)

### 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](#)

[Read More](#)

## Community



## Climate and Diversity Committee

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](mailto:physics-cdc@mailman.yale.edu)*

## External Opportunities

## Faculty 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

[Summer Research Experience for Undergraduates in Nanoscience and Engineering at Vanderbilt Institute of Nanoscale Science and Engineering \(Deadline February 15, 2021\).](#)

[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 \(Application Cycle December 1, 2020 - February 1, 2021\)](#)



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*For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](mailto:Daphne.Klemme@yale.edu).*

This email was sent by: Yale University  
P.O. BOX 208109, New Haven, CT, 06520-8279 US

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