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Yale Physics



Upcoming Events

[Sunday, October 25 - Saturday, October 31](#)

#BlackInPhysics Week, Zoom. Social and professional events; see blackinphysics.org for complete schedule.

[Monday, October 26](#)

10:00 a.m. Toward Inclusion: Panel and Discussion in Science and Engineering at Yale, Zoom. Panel to discuss barriers and solutions to inclusion for URMs in science and at Yale moderated by Larry Gladney (FAS Dean of Diversity and Faculty Development), with panelists Anjelica Gonzalez (Associate Professor of Biomedical Engineering) and Priyamvada Natarajan (Professor of Astronomy). [Register here for Zoom link](#).

4:00 p.m. Physics Club, Zoom. Lam Hui, Columbia University, "[Wave dark matter](#)"

4:00 p.m. Department of Molecular Biophysics and Biochemistry Colloquium, Zoom. Zachary Levine, Yale University, "[The Disordered Protein Aggresome and the Molecular Drivers of Amyloid Diseases](#)"

4:00 p.m. Department of Chemistry Inorganic Seminar, Zoom. James Blakemore, University of Kansas, "[Using Redox-Inactive Metals to Modulate the Chemical and Electrochemical Properties of the Uranyl Ion](#)"

[Tuesday, October 27](#)

1:00 p.m. WIDG Seminar, Zoom. Olivier Grasdijk, Yale University, "[CeNTREX: A new search for](#)

time-reversal-symmetry violation in the ^{205}Tl nucleus"

3:30 p.m. Particle Theory Seminar, Zoom. Grant Remmen, KITP & University of California Santa Barbara, "Signs, Spin, SMEFT: Using Amplitudes to Constrain New Physics"

4:00 p.m. Department of Chemistry Physical Chemistry Seminar, Zoom. Kang-Kuen Ni, Harvard University, "Probing and controlling chemical reactions below 1 micro-Kelvin"

Wednesday, October 28

10:00 a.m. YCRC Workshop, Zoom. Parallel Computing with MATLAB and Scaling to HPC (Day 2)

1:00 p.m. #BlackinPhysics Week at Yale Seminar, Zoom. LaNell Williams, Harvard University, "Bulk light-scattering measurements of viral capsid self-assembly around RNA"

2:30 p.m. Wright Lab Computing Workshop, Zoom. Thomas Langford, Yale, "Data analysis with Python". Register here.

Thursday, October 29

2:30 p.m. Department of Astronomy Colloquium, Zoom. Anthony Brown, Leiden University, "Gaia: mission status and results from the second data release"

4:15 p.m. Department of Mathematics Analysis Seminar, Zoom. John Schotland, Yale University, "Quantum Optics in Random Media"

[More events](#)

News



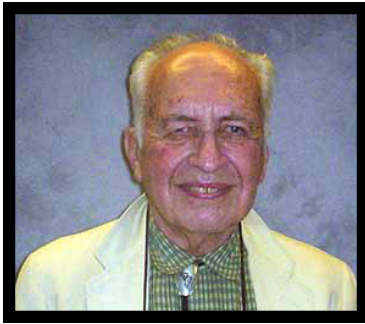
Yale Physics and Wright Lab host Kuheli Dutt Seminar on "Addressing Systemic Racism in STEM"

On October 20, 2020, the Yale Department of Physics and Wright Lab both co-sponsored a lecture given by Dr. Kuheli Dutt of Columbia University on "Diversity, Equity and Inclusion: Addressing Systemic Racism in STEM". [Read more.](#)



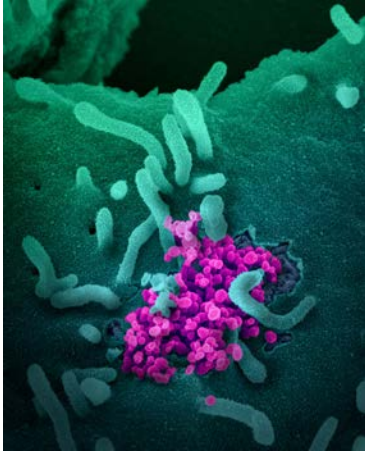
Yale's Inaugural Chapter of Sigma Pi Sigma, the National Physics Honor Society

On Friday, October 16, 2020, Yale joined the ranks of Sigma Pi Sigma, the National Physics Honor Society, as Chapter #584. In a virtual ceremony we inducted 32 members of the classes of 2021 and 2022. This event was spearheaded by David Saunders, '23 and Shantanu Jha, '21, who are both physics students and officers of the Yale Society of Physics Students, with the encouragement and help of Karsten Heeger (Department Chair) and Nikhil Padmanabhan (DUS). [Read more.](#)



Robert Adair - In Memoriam

On September 28, 2020, Robert K. Adair, Yale University Sterling Professor Emeritus of Physics and former Chair of the Physics Department, died in Hamden, CT at the age of 96. [Click here to read the obituary](#) from the New Haven Register. Our thoughts go out to his family.



COVID-19 Update – October 23rd update

October 23, 2020: Update from the University COVID-19 Coordinator with important information regarding about two actions that will promote the health of the community and also directly benefit you and your loved ones as we move into the colder months and contemplate holiday travel opportunities.

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.](#)

Community

Climate and Diversity Committee



Women are urged to “lean in” to get ahead. A [recent study from Australia](#) indicates that for men, leaning in seems to work. However, for women, the payoff is less clear.

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

External Opportunities

Faculty positions

Senior Scientific Engineering Associate (Neutrinos Group) - Berkeley lab (Deadline October 30, 2020)

Faculty Position in Particle Theory - University of California - Berkeley (Deadline November 8, 2020)

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

[NASA Postdoctoral Fellowship \(Deadline for current cycle November 1, 2020\)](#)

[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.](#)

Undergraduate Research

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



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For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#).

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