Yale Physics

Events

Monday, February 8
4:00 pm  Physics Club: There is no talk this week.

Tuesday, February 9
1:00 pm  WIDG Seminar: Searches for New Physics Using Levitated Optomechanics, Gadi Afek, Yale University, Zoom
4:00 pm  Department of Chemistry Theoretical Seminar: Electronic Structure Theory for Excited States, Eric Neuscamman, University of California, Berkeley, Zoom 931 5216 8345; password: 585210.
7:00 pm  YuQC Speaker Series: The Second Quantum Revolution and the Race to Build ‘Impossible’ Computers, Steven Girvin, Yale University, contact department for zoom information.

Wednesday, February 10
12:00 pm  YQI Professional Development Series: The Importance of Mentoring and its Role in Human Development, Michelle Nearon, Yale University, register here for zoom link.
3:30 pm  Earth & Planetary Science Colloquium: Viewing climate signals through an AI lens, Gadi Afek, Yale University, contact department for zoom information.
4:15 pm  Department of Mathematics Colloquium: Title TBA, Mark Shusterman, Harvard University, contact department for zoom information.

Thursday, February 11
2:30 pm  Department of Astronomy Colloquium: Exoplanets and the Search for Atmospheric Biosignature Gases, Sara Seager, MIT, contact department for zoom information.

Friday, February 12
12:00 pm  Yale Day of Data Spring Series: Language (Data) Is Everywhere! Linguistics and Language Data in Research, Robert Frank, Professor of Linguistics; Maria Piñango, Associate Professor of Linguistics; Natalie Weber, Assistant Professor of Linguistics; Jim Wood, Assistant Professor of Linguistics, Yale University, More information and registration
1:00 pm  YPPDO Event: Science Policy, Laura Gladstone; Nichole Larson; and
Yangyang Cheng, Yale University, RSVP required (email emma.castiglia@yale.edu) for access

4:00 pm **YQI/Francke Nontechnical Talk:** *Alternative Realities for the Living - Quantum Physics & Fiction*, Ben Okri, poet and novelist, Register here to receive zoom link.

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**News**

**Black History Month 2021**

This month we are celebrating Black History Month. In the Yale Physics Department we recognize Edward Bouchet, the first African American to earn a Ph.D. from an American university (Yale 1876), as well as our current faculty and alumni who were recently named as inspiring Black scientists in America.

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**Celebrating the International Day of Women and Girls in Science**

February 11th is designated as the International Day of Women and Girls in Science (see announcement from UN Women about this event). In the Physics Department we recognize our outstanding female faculty, postdocs, and graduate students.

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**Community**

**Climate and Diversity Committee News**

In celebration of Black History Month the National Society of Black Physicists (NSBP) is posting daily profiles honoring black physicists past and present. In addition the American Physical Society (APS) is hosting a number of events including Moving the Needle: Supporting Black Students’ Academic Success February 10, 2021 2:30 - 4:30 pm and the National Mentoring Community (NMC) Conference February 18-21, 2021.

*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*

**COVID-19 update**

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

Yale COVID-19 Site
Opportunities

Faculty positions

Faculty and Associate Faculty Positions - Perimeter Institute (no date)

Grants

OPRA Association Physics Grants - OPRA (Apr. 15, 2021)

Fellowships

The Simons Emmy Noether Fellows Program - Perimeter Institute (Mar. 31, 2021)

Undergraduate Research

Summer Research Experience for Undergraduates in Nanoscience and Engineering - Vanderbilt University (Feb. 15, 2021)
REU Program - University of Chicago (Feb. 15, 2021)
REU Program in Physics & Astronomy - WSU (Feb. 19, 2021)
REU Program - University of Notre Dame (Feb. 22, 2021)
Research Internship for Undergraduate Women and Underrepresented Minorities - APS/IBM (Feb. 15, 2021)