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Yale *Physics*



Upcoming Events

No Events This Week!

[More events](#)

News

Yale Presidential Fellow Leshner and Wright Lab featured in AAAS series on “Responding to COVID-19: Science and Human Rights”

Shelly Leshner, professor of physics at the University of Wisconsin-La Crosse, who was a Yale Presidential Fellow in residence at Wright Lab for the 2019-20 academic year, has been featured in an interview series for the American Association for the Advancement of Science (AAAS) called “Responding to COVID-19:



Science and Human Rights,” where she mentioned the work Wright Lab has been engaged in to support the University’s COVID-19 response, including assisting in the production of ventilators and working with local hospitals.

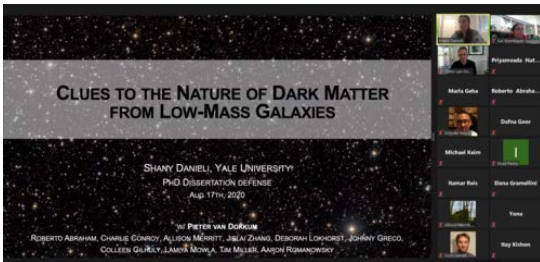
More



Michel Devoret (F.W. Beinecke Professor of Applied Physics and Physics) research in the news

Yale physicists have developed an error-correcting cat — a new device that combines the Schrödinger’s cat concept of superposition (a physical system existing in two states at once) with the ability to fix some of the trickiest errors in a quantum computation.

More



Shany Danieli successfully defends thesis: “Clues to the Nature of Dark Matter from Low-Mass Galaxies Outside the Local Group”

On August 17, 2020, Shany Danieli successfully defended her thesis, “Clues to the Nature of Dark Matter from Low-Mass Galaxies Outside the Local Group” (Advisor Pieter van Dokkum).

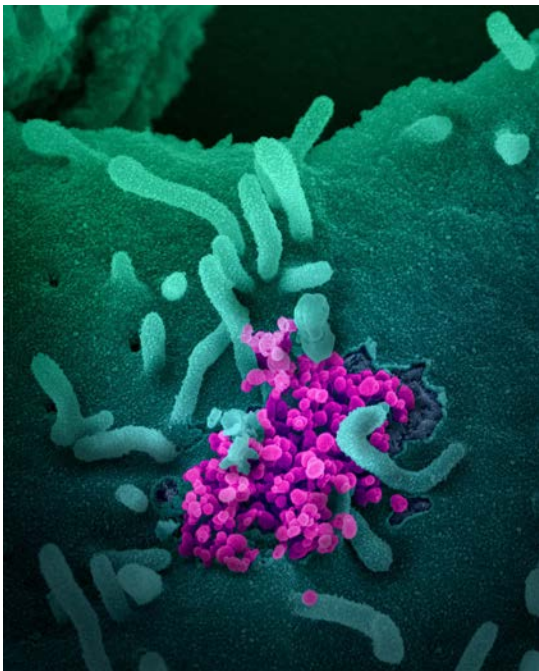
More



Scott Jensen successfully defends thesis: “Lattice Auxiliary-Field Quantum Monte Carlo Studies of the Unitary Fermi Gas”

On August 14, 2020, Scott Jensen successfully defended his thesis , “Lattice Auxiliary-Field Quantum Monte Carlo Studies of the Unitary Fermi Gas” (Advisor Yoram Alhassid).

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COVID-19 Update – August 21st update

August 14, 2020: Updated from the University COVID-19 Coordinator with important information the importance of following protocols for person-to-person transactions.

- [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.](#)

[More](#)

Community



Climate and Diversity Committee

In their recent article "[Historical comparison of gender inequality in scientific careers across countries and disciplines](#)" the authors provide a study of longitudinal gender differences in performance in STEM and argue that although "empirical evidence suggests significant gender differences in the total productivity and impact of academic careers [in STEM]", they find that there is a comparable publication rate and career-wise impact for the same number of publications between the genders. This study suggests instead that differences are due to different publishing career lengths and dropout rates. They hope their study can "help rephrase the conversation around the sustainability of women's careers in academia, with important consequences for institutions and policy makers."

Also, don't forget to [register for the 2020 National Society of Black Physicist Conference](#) which will take place virtually November 5-8, 2020.

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

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