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Yale *Physics*



Upcoming Events

Thursday, May 7

3:00pm WIDG Seminar. Luna Zagorac, Yale University, "Parametrizing UltraLight Dark Matter Haloes Through Binary Soliton Core Mergers". Zoom session information to come.

Friday, May 8

10:30am Virtual Equity in the Job Search Symposium. [Register here](#).

3:30pm Online Celebration of Yale Physics.

[More events](#)

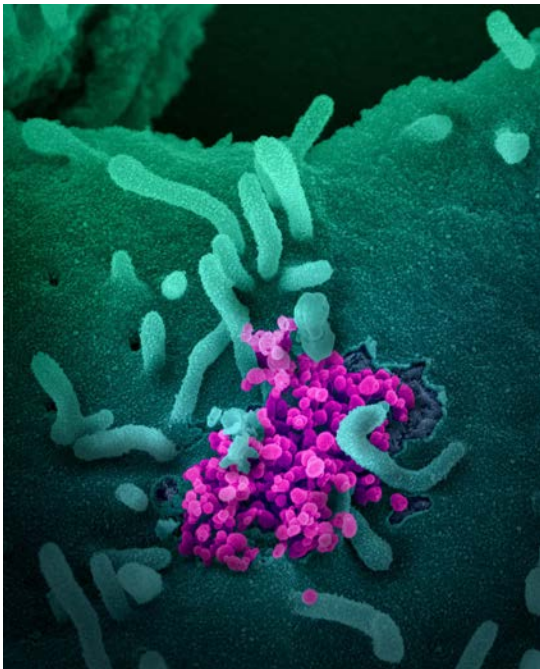
News

Nicholas Read (Henry Ford III Professor of Physics) elected as a fellow of the Royal Society



More than 60 exceptional scientists from around the world have been elected as Fellows and Foreign Members of the Royal Society. The 51 new Fellows, 10 Foreign Members and one Honorary Fellow have been selected for their outstanding contributions to scientific understanding. With discoveries ranging from the first planets outside our solar system, to the creation of the world's smallest molecular engine, new mathematical proofs and treatments for debilitating global disease.

[More](#)



COVID-19 Update – Building access During COVID-19 & Wear masks

At this point only critical personnel authorized by the Dean's Office for critical maintenance activities in labs are allowed to enter the buildings and work on campus. Everyone else is expected to remain off-site. If you have not received an email you are not on the list of critical personnel.

In addition, all members of the Yale community should wear masks or other face coverings in public, including when you are in shared spaces on campus.

[More](#)

Community

Climate and Diversity Committee

Happy May Day! Whether you are celebrating the traditional springtime



festival or the international day honoring workers, May 1 also signifies we're (more-or-less) halfway between the spring equinox and the summer solstice! So while it may not seem like it outside, summer is coming.

We hope everyone is staying well. If this was you in your recent zoom meeting, its fine! Life is complicated right now. Roll with the unexpected, your colleagues understand, and many are dealing with unique challenges themselves"

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

Opportunities

Yale Undergraduate Research Journal Graduate Student Recruitment

The Yale Undergraduate Research Journal seeks to showcase outstanding undergraduate scholarship across all disciplines. In anticipation of our inaugural issue, we are keen to recruit graduate students to help review student submissions this summer.

Graduate students will score undergraduates' work (likely 2-4 articles of ~1500-3000 words per semester) from their field. To aid this grading process, graduate students will follow a rubric that members of YURJ have created. Graduate students will play a fundamental role in the evaluation and revision of submissions.

This experience will provide invaluable insight into the editorial process for future manuscript submissions, foster close interactions with professors in the same department, and help undergraduates improve their writing and research skills! Thank you for your time and consideration.

Link to interest form: <https://forms.gle/noky3fdik2akvyn59>

Post-doctoral and PhD fellowships in Atomic Physics at Ben-Gurion University, Israel

Title: Post-doctoral and PhD fellowships in Atomic Physics at Ben-Gurion University, Israel

Group: AtomChip Laboratory (www.bgu.ac.il/atomchip)

Deadline: until filled

We invite applications for post-doctoral researchers in the field of quantum

optics, cold atoms, and atom spectroscopy. We offer a highly stimulating and energetic environment for experimental and theoretical atomic physicists and very competitive offers for both domestic and international applicants, including generous re-location packages. Applicants should have extensive experience in atomic physics and ultra-cold atoms.

We also have open positions for excellent students who are interested in advanced degrees in experimental and theoretical physics in the fields of cold and hot atoms, magnetometry, Bose-Einstein condensation, matter-wave interferometry and Quantum Physics in general.

Ben-Gurion University (~20000 students) is the youngest and fastest growing university in Israel. It is situated in Be'er Sheva in the middle of the Negev desert, a mere hour by train from Tel Aviv and the Mediterranean. The surrounding area includes fascinating desert landscapes with their unique geology, archaeology and wildlife, and a fantastic kaleidoscope of ancient and modern society. For those who love nature and travel, we note that the University is located a short drive from Egypt, Jordan, and Jerusalem, the Dead Sea and the beautiful coral reefs of Eilat on the shores of the Red Sea.

For details, please visit our website at www.bgu.ac.il/atomchip

or contact Prof. Ron Folman directly: folman@bgu.ac.il

We look forward to your inquiry!

Yale Undergraduate Research Journal: Call for Submissions

Interested in Publishing Your Research Project?

COVID-19 has disrupted research at Yale, and students have lost countless opportunities to present, discuss, and receive feedback on years of work. If you want your research project to be constructively evaluated by graduate students and professors or published online and in print for the Yale community, submit your work to the Yale Undergraduate Research Journal (YURJ)!

YURJ is the only journal that covers the academic breadth of student research at Yale. Submissions are given comprehensive feedback by experts in your field and evaluated for publication on our website and in a physical edition (with free copies provided for authors).

It's free to submit, and we are looking for any research done by Yale undergrads, including senior theses, course assignments, and independent projects. Don't hesitate to reach out to us at yura@yale.edu with any questions.

Submissions are due June 1st!

[How do I submit?](#)



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

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