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# Yale Physics

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## Upcoming Events

### Tuesday, October 6

3:00pm Yale Physics Professional Development Organization Workshop: [The Academic Job Search and Application Prep](#) for Graduate Students and Postdocs (with Bonnie Fleming).

4:00pm Department of Chemistry Biophysical Seminar. David Britt, University of California, Davis, "How nature builds the catalytic organometallic H-cluster of Fe-Fe hydrogenase as determined by spectroscopy of assembly intermediates" via zoom 993 4142 8927, passcode 680032.

### Wednesday, October 7

3:30pm Earth and Planetary Science Colloquium. Jennifer Fehrenbacher, Oregon State University, "Re-evaluating the utility of non-spinose foraminifera in paleoceanographic reconstructions" via zoom.

4:15pm Department of Mathematics Colloquium. Martin Hairer, Imperial College London, "[Random loops](#)" via zoom.

### Thursday, October 8

2:30pm Department of Astronomy Colloquium. Phil Nicholson, Cornell University, "Kronoseismology: Using Saturn's rings to probe its interior structure" via zoom.

**Friday, October 9**

11:00am Physical and Engineering Biology (PEB) Special Lecture. Bernard Chazelle, Princeton University, "[Building an Algorithmic Toolkit for Out-of-Equilibrium Systems](#)" via zoom.

12:00pm Yale Quantum Institute Colloquium. Scott Aaronson, University of Texas, Austin, "[Quantum Computational Supremacy and Its Applications](#)" via zoom.

[More events](#)

## News



**Elie Track (Ph.D. Yale University, 1988) receives the 2020 IEEE CSC - Max Swerdlow Award**

Elie Track graduated with a Ph.D. from Yale Physics in 1988 (with Prof. Dan Prober's group). He is a founder and CEO of nVizix LLC, a company that focuses on developing and commercializing a new high-efficiency vacuum solar cell.

Elie was selected to be the recipient of the 2020 IEEE - Max Swerdlow Award for Sustained Service to the Applied Superconductivity Community.

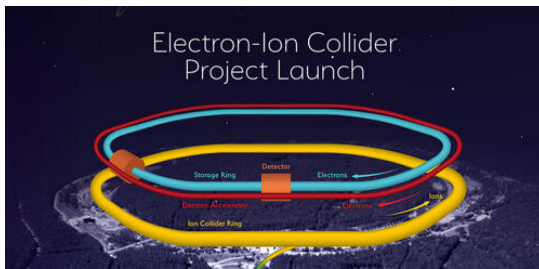
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**Reina Maruyama (Associate Professor of Physics) and Shelly Leshner (Yale Presidential Visiting Scholar) elected as Fellows of the American Physical Society**

Reina Maruyama (Associate Professor of Physics) and Shelly Leshner (Yale presidential Visiting Scholar) have been elected as Fellows of the American Physical Society (APS) for their outstanding contributions to physics.

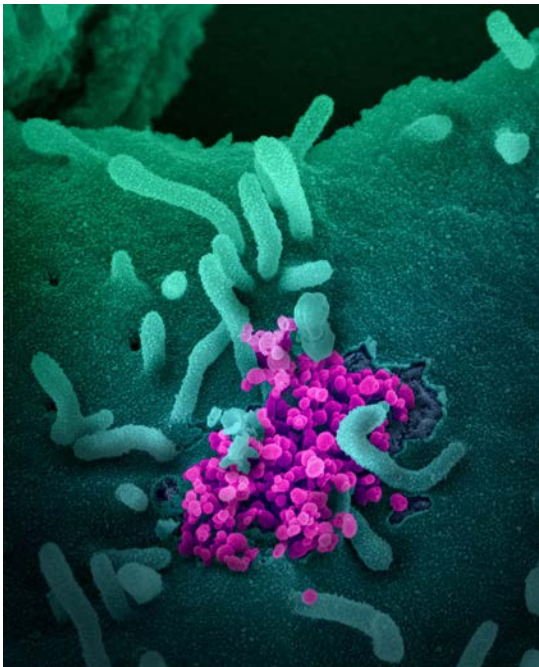
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## Key Partners Mark Launch of Electron-Ion Collider Project

The U.S. Department of Energy's (DOE) Brookhaven National Laboratory (BNL) in Long Island, New York, which has a strong research partnership with Yale, officially launched the next generation Electron-Ion Collider (EIC) at BNL on September 18, 2020. The EIC is a state-of-the-art research facility and partnership among the DOE, New York State, BNL, and the Thomas Jefferson National Accelerator Facility (Jefferson Lab) that will open a new frontier in nuclear physics; a field essential to our understanding of the visible universe with applications in national security, human health, and more.

[More](#)



## COVID-19 Update – October 5th update

October 5, 2020: Update from the University COVID-19 Coordinator with important information on the University Alert Level change.

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.](#)

[More](#)

# Community



## Climate and Diversity Committee

Andrew Koch's article "[Don't weed out students. Help them flourish](#)" which also contains several useful links for further information, discusses the "learning mindset" approach to teaching. This approach is based on the belief that intelligence is not fixed but can be developed, that everyone in the classroom is respected and valued and that the coursework is valuable because it is connected to a larger purpose. Koch finishes by saying "Setting aside our own potentially blind assumptions about fixed intellect and who does or does not belong in college can lead to improved outcomes both for students and for the society in which they and we live."

*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 Position in Theoretical Condensed Matter Physics - University of California - Davis \(Deadline November 15, 2020\)](#)

[Faculty Positions at the University of California, Berkeley \(Deadline October 26, 2020\)](#)

### Fellowships

[NASA Postdoctoral Fellowship](#)

[NASA CT Space Grant Consortium \(look under Funding Opportunities\)](#)



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P.O. BOX 208120, New Haven, CT, 06520-8120 United States

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P.O. BOX 208109, New Haven, CT, 06520-8279 US

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