

Yale Physics



For further information on any of the items included here or if you would like to contribute to the next newsletter, send email to [Daphne Klemme](mailto:Daphne.Klemme@yale.edu).

Upcoming Events of Interest

Monday, September 16

3:30pm Physics Club. Sergei Gukov, Caltech, "What is Renormalization?". Host: David Poland. Sloane Physics Lab, 57. Tea after the talk.

4:00pm Department of Chemistry Silliman Lecture in Inorganic Chemistry. Matthew Whited, Carleton College, "New Mechanisms for Cooperative (and Uncooperative) Reactions: Stoichiometric and Catalytic Process Featuring Metal-Silicon Bonds". SCL 111.

4:30pm Poynter Fellowship in Journalism. Ed Yong (Science Journalist, The Atlantic Magazine) & Liz Neeley (Executive Director, The Story Collider), "Why Storytelling Matters for Science". Yale Science Building Auditorium.

Wednesday, September 25

12:00pm Yale Physics Professional Development Organization Workshop. The Job Search Strategies (with Brian Frenette). Wright Lab 216. Graduate Students & Postdocs only. [RSVP for Lunch](#).

2:30pm Mechanical Engineering & Materials Science Seminar. Alain Goriely, University of Oxford, Oxford, UK, "Does Soft Matter Matter to Brain Matter? The Curious Case of Brain Wrinkling". Host: Madhu Venkadesan. ML 107 (Refreshments served at 2:15pm).

4:00pm Department of Chemistry Sigma-Aldrich Lecture in Organic Chemistry. Jimmie Weaver, Oklahoma State University, "Contra-thermodynamic Photocatalysis; Applications in Synthesis, Bioconjugation, and High Energy Molecules". SCL 160.

7:00pm Center for Collaborative Arts and Media Wednesday Wisdom with Emily Coates and Sarah Demers: Physics and Dance. 149 York Street. [Register here](#).

Thursday, September 26

11:00am Yale Quantum Institute Talk. Rodrigo Cortinas, Laboratory Kastler Brossel, Paris, "Towards Quantum Simulation with Circular Rydberg atoms". YQI Seminar Room.

12:00pm PEB Discussion Group. Jing Yan, MCDB, Yale University, "Mechanical principles of biofilm formation" and Yuan Ren, MB&B, Yale University, "Cutting proteins in fission yeast cells". YSB 153.

2:30pm Yale Astronomy & Astrophysics Colloquium. Caitlin Casey, University of Texas at Austin, "The Obscured Universe from Peak Star-Formation to Reionization". WTS A-51.

Friday, September 27

9:00am School of Engineering and Applied Science Workshop on Continuum, Compliant, and Configurable Soft Robotics". Mann Engineering Center, DL 107.

4:00pm Department of Geology & Geophysics Colloquium. Andreas Kappler, University of Tübingen, "Geomicrobiological processes in Banded Iron Formation deposition, banding and mineral diagenesis". KGL 123

[More events](#)

Save the Date!

October 5, 2019 Gotham-Metro Condensed Matter Meeting. Rosenthal Pavilion, New York University, [Register here](#).

October 11, 2019 Yale Office of Career Strategy, GSAS & Postdocs for a site visit to United Technologies Research Center in East Hartford, CT. Transportation Provided. Apply to attend by September 30th through your Yale Career Link Account <https://yale-csm-symplicity.com/students/>

October 12, 2019 Yale Physics Olympics

October 21-23, 2019 2019 [Workshop on Exploring New Science Frontiers at NSLS-II](#). Wang Center, Stony Brook University, Brookhaven National Laboratory. Please [register](#) by Monday, September 23, 2019 at

November 16, 2019 Girls' Science Investigations Session #2 (The World of Sound)

January 17, 2020 American Physical Society Conference for Undergraduate Women in Physics at Yale

February 8, 2020 Girls' Science Investigations Session #3 (The Electronic World)

April 4, 2020 Girls' Science Investigations Session #4 (The Geophysical World)

Department News



State of the Department (Talk on Sept. 9, 2019)

Karsten Heeger, the new Physics Department Chair, welcomed all faculty, staff, and students. He provided an overview of the state of the department, outlined planned activities, announced awards that were received and introduced our new graduate class and other members of the department.



The Physics website is being updated! Look here for updates on the progress.

New Pages:

- [Fellowships / Prizes / Awards](#)

Community



The [Climate and Diversity Committee](#) (CDC) convenes once a month.

You've been working hard, consider taking a short break this weekend. Join the activities related to the 21st PRIDE New Haven, the weeklong series of events culminates on Saturday with the march and block party, or attend one of the seminars and discussions related to 50WomenatYale150, the calendar of events can be found here:
<https://celebratwomen.yale.edu/calendar>

If interested in joining please contact Helen Caines (helen.caines@yale.edu, Chair of CDC). You may contact the whole committee at physics-cdc@mailman.yale.edu

Hints & Tips

ID Center offers passport photos and notary services!

Passport photo services are available only at the [Yale ID center](#), 57 Lock Street, Monday through Friday, except during University holidays and recess periods.

Passport photo details

- Passport/ID photos ready in minutes.
- Printed in compliance with government regulations.
- Perfect for students, employees, gym members, and travelers applying for a U.S. passport book or card.
- Faculty, staff, students and community members will be charged \$10.00 per set of (2) prints.

Notary services are offered at both the [Yale Central and Medical ID Centers](#) - free for Yale students and \$3 per page for all others.

Announcements

[Please click here for updates on the Yale Science Building, including a new logistics plan.](#) The project encompasses the construction of a new state of the art sciences laboratory at the approximate location of the demolished J.W. Gibbs building, a comprehensive renovation of the KBT Plaza, a lecture hall, and a common area at the south end of KBT Plaza.

Opportunities

[NASA CTS GC funding opportunities.](#) The due date for all applications is September 25, 2019. Apply today!

A postdoctoral position in [Computational Biology](#) is available in the [Koo laboratory](#) at the Simons Center for Quantitative Biology at Cold Spring Harbor Laboratory.



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