

Yale Department of Physics

Yale Physics Newsletter

January 11, 2019

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).

Hints & Tips!

Welcome to our new hints and tips section! Please email daphne.klemme@yale.edu with any helpful tips that will help us work to our best ability. See below for a wrap-up of all hints and tips for Fall 2018:

You may edit your own people page on the Physics Department website! Please go to <http://physics.yale.edu/cas> and log in with your netID and password. After you have logged in you can go to your page and update your information and photo. Please **DO NOT** update any information below the Bio section of the edit page.

Climate and Diversity Committee News

A Note from the [Climate and Diversity Committee](#) (CDC).

We are pleased to announce the unveiling of our latest project, a Diversity and Climate Board. On if we have posted some papers and columns related diversity and climate in STEM that we think are of general interest to the department. Please feel free to drop by Wright Lab West between Rooms 306 and 307 to borrow, read, return, and supplement the articles. Happy reading!

The CDC convenes once a month. 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

News

Welcome our new Graduate Registrar **Susan dos Santos** to the Physics Department Family. Stop by to visit her in Sloane Physics Lab, rm. 35A.

The Physics department is in the process of updating the Alumni pages on our web site to show current position and institution, [click here to see the alumni page](#). If you are an Alumni, or know someone who is, please [click here to go to an update form](#). Thank you for your help with this project.

Save the Date

Classes resume Monday, January 14, 2019. Please note that due to Martin Luther King, Jr. Day on Monday, January 21, 2019 there will be no class. Rather the Monday class will meet on Friday, January 18, 2019.

Seminars

Monday, January 14

11:00am in Hope Memorial Building. Molecular Biophysics & Biochemistry Seminar. L. Stirling Churchman, Harvard University, "Checks and balances in orchestrating global gene regulation". Host: Wendy Gilbert.

2:30pm in Mason Lab 107. Department of Mechanical Engineering and Materials Science Seminar. Kristy L. Schlueter-Kuck, Brown University, "Coherent Pattern Identification in Fluid Flows and Dynamical Systems". Host: Professor Udo Schwarz. Refreshments served at 2:15pm.

3:30pm in Sloane Physics Lab 57. Physics Club. David DeMille, Yale University, "A tabletop-scale probe for TeV-scale physics: the electric dipole moment of the electron". Host: David Moore. Tea after the talk outside the lecture hall.

4:15pm in Leet Oliver Memorial Hall 215. Department of Mathematics Colloquium. Gil Kalai, The Hebrew University of Jerusalem/Yale, "Noise Stability, Noise Sensitivity and the Quantum Computer Puzzle".

Tuesday, January 15

1:30pm in Sloane Physics Lab 48. Dissertation Defense. Zack Lasner, Yale University, "Order-of-magnitude-tighter bound on the electron electric dipole moment". Thesis Advisor: David DeMille.

2:00pm in Sloane Physics Lab 52. Atomic Physics Seminar. Ravid Shaniv, Weizmann Institute, "Quantum-information methods for precision measurements with trapped ions". Host: Jack Harris

4:00pm in Sterling Chemistry Lab 160. Lecture in Biophysical Chemistry. Professor Ivan Dmochowski, University of Pennsylvania, "Title TBA".

Thursday, January 17

12:00pm in Wright Lab-Connector 245. WIDG Seminar. Michael Oliver, Yale University, "Title TBA".

2:30pm in Watson Center A-51. Yale Astronomy & Astrophysics Colloquium. Ana Bonaca, Center for Astronomy, "Uncovering the nature of dark matter with stellar streams in the Milky Way".

Sunday, January 20

10:00pm at Leitner Family Observatory & Planetarium. Total Lunar Eclipse Viewing at LFOP. The observatory will be open for eclipse viewing, weather permitting, from 10pm to 1am on Sunday, January 20, 2019. Free for all.

For more seminars see: <http://physics.yale.edu/calendar>

From the University Registrar's Office:

This is a reminder of adjustments to the spring-term academic calendar in observance of Martin Luther King Jr. Day:

- No Yale College or Graduate School classes will meet on Monday, January 21, 2019.
- All Monday classes that would normally have met on January 21 will meet instead on Friday, January 18, in their scheduled classrooms.
- Friday classes will not meet on January 18; those classes will not be made up.

Best wishes for the start of the term.

From Yale University Chaplain's Office

Religious Holy Days Spring 2019

I am writing to draw your attention to the dates of some of the major religious holidays and holy days for the spring 2019 semester. You will also find the dates for holy days occurring during Commencement and Summer Session this year.

Please note that this is not an all-encompassing list for every religious tradition. More information, along with our downloadable calendar feature can be found on the Chaplain's Office web site at <http://chaplain.yale.edu/subscription-religious-holidays-calendar>. The list below includes holy days that occur when classes are in session. The holy days and holidays listed are those that will likely impact many of our students at some point in the semester and could present a clear conflict with academic demands. This spring, Ramadan begins at the end of the semester, continues throughout Commencement and concludes near the start of the Summer Session.

In general, fasting or work restrictions as well as special worship obligations impact whether or not our students, faculty and staff are able to participate in university events that take place on their religious holy day. Please keep in mind that some holy days require additional time for preparation or travel before and after the actual observance. I am asking that you be responsive to requests from individuals who need to make special arrangements with you in advance to make up work missed because of a holy observance. If you have any questions or concerns about a particular case please do not hesitate to contact me at 203.432.1128. Thank you for your sensitivity to this matter.

Spring Semester:

- Nineteen Day Fast (Baha'i) sunrise Saturday, March 2 to sunset Wednesday, March 20
- Ash Wednesday (Christian) Wednesday, March 6
- Passover (Jewish) sunset Friday, April 19 to sunset Saturday, April 27
- Good Friday (Christian) Friday, April 19 (Orthodox Christian) Friday, April 26
- Easter (Christian) Sunday, April 21 (Orthodox Christian) Sunday, April 28
- Ramadan (Muslim) Monday, May 6 to Monday, June 3 (fasting from sunrise to sunset)

Commencement:

- Ramadan (Muslim) Monday, May 6 to Monday, June 3 (fasting from sunrise to sunset)

Summer Session:

- Ramadan (Muslim) Monday, May 6 to Monday, June 3 (fasting from sunrise to sunset)
 - Eid al-fitr (Muslim) sundown Monday, June 3 to Tuesday, June 4
 - Shavuot (Jewish) sunset Saturday, June 8 to sunset Monday, June 10
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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.
