

# Yale Department of Physics

Yale Physics Newsletter

October 13, 2017

## News

And the Nobel goes to ... The Nobel Prize in Physics 2017 was divided, one half awarded to Rainer Weiss, the other half jointly to Barry C. Barish and Kip S. Thorne "for decisive contributions to the LIGO detector and the observation of gravitational waves". [Click here](#) for the whole story.

For more news please see <http://physics.yale.edu/news>

## Announcements

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).

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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.

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**Yale Health Center – Get your Flu shot!**

## [Flu Shot Information](#)

Flu clinics are available on a walk-in basis for Yale Health members, Yale University employees, and Yale University students. Children under 18 must be accompanied by a parent or guardian. No registration is necessary.

## Jobs

**Perimeter Institute for Theoretical Physics** is inviting applications for a number of Junior Faculty positions (tenure track) in Condensed Matter Theory, Quantum Information Science and Theoretical Particle Physics. For more information please [visit our website](#).

We would be very grateful if you would circulate this information to outstanding young candidates who may be interested in this opportunity.

Perimeter Institute offers a dynamic, multi-disciplinary

## Save the Date

November 3-5 is Family Weekend

## Seminars

**Monday, October 16** Special Condensed Matter Seminar. Liujun Zou, Harvard, "Symmetry enriched U(1) quantum spin liquids", Sloane Physics Lab, rm. 52 at 2:00pm.

**Tuesday, October 17** Joint NPA/WIDG Seminar. Robin Smith, Sheffield Hallam University - "It's not you, it's me": The different breakup modes of the  $^{12}\text{C}$  Hoyle state", Wright Lab – Connector, rm. 108 at 12:00pm. Pizza at 11.45am outside WLC 108.

**Tuesday, October 17** Particle Theory Seminar. Lasma Alberte, ICTP, "Equivalence principle in scalar-tensor theories", Sloane Physics Lab, rm. 52 at 4:00pm.

**Wednesday, October 18** Department of Applied Physics Solid State & Optics Seminar. David Zelmon, Air Force Research Laboratory, Wright Patterson AFB, "Novel Materials for Lasers and Frequency Conversion", Becton Seminar Room at 1:00pm. Host: Prof. Fred Walker.

**Friday, October 20** Sackler Discussion Group. Nirag Kadakia, Molecular, Cellular and Developmental Biology, Emonet Lab, "Olfactory sensing in a vast odor space: adaptive mechanisms for robust combinatorial coding" and Dick Kibbey, Yale School of Medicine, "Measuring mitochondrial metabolism by modeling multiordinate mass-isotopomers: from rare disease to diabetes drug"

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

environment with maximum research freedom and opportunity to collaborate. We will begin to review the candidates for the CMT and QIS positions on December 15th, 2017 and for the TPP positions on January 15th, 2018. However, in all cases, applications will be considered until all positions are filled.

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**Columbia University** the Department of Physics seeks to appoint an assistant professor in the area of experimental atomic, molecular and optical physics, low-energy precision measurement or a related field starting on July 1, 2018. Review of applications and scheduling of interviews will begin on December 1, 2017 and will continue until the position is filled. [Click here](#) for a copy of the poster advertising this position.