

Yale Department of Physics

Yale Physics Newsletter

August 25, 2017

News

For Workday questions please contact the Finance Support Center (FSC) by phone at 203-432-5394 or by email at sharedservices@yale.edu.

Please check your Workday inbox for any actions needed for reports. [Click here for instructions.](#)

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Read the latest answers to Workday@Yale community questions. This week's questions touch on spend authorizations (cash advance), pcards, approvals, chart of accounts, and historical payroll transactions. [Read more.](#)

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Welcome to new Postdoctoral Associate Michael Tremmel whose work is in computational astrophysics using cosmological simulations to examine the evolution of galaxies and supermassive black holes (SMBHs) throughout cosmic time. Using these simulations, he studies how SMBHs and their host galaxies regulate one another's growth. He also studies the dynamics of SMBHs within galaxies in order to predict and inform future gravitational wave observations of binary and merging SMBHs. He will be working with Priya Natarajan's group.

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Welcome to new Postdoctoral Associate Sergey Pershoguba who received his PhD from the University of Maryland in 2014. Then he had a postdoctoral appointment at the Nordic Institute for Theoretical Physics (NORDITA) in Stockholm, Sweden. Sergey's interests lie in the area of topological insulators and their derivatives, unconventional superconductors, effect of magnetic field, magnetotransport, and electromagnetic response of novel materials. At Yale, Sergey will work under the supervision of Leonid Glazman focusing on hybrid superconducting structures, which have promise for realizing Majorana qubit technology. He will be working with Leonid Glazman.

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.

Save the Date

The first day of classes is Wednesday, August 30, 2017. Please note that due to Labor Day on Monday, September 4, 2017 ALL Monday classes will meet on Friday, September 1, 2017.

Seminars

Monday, August 28 Molecular, Cellular, and Developmental Biology – Thesis Defense. Shira Stav, Yale University, "Comprehensive Discovery of Structured Noncoding RNAs from Individual Bacterial Genomes", KGL 123 at 12:00 PM.

Tuesday, August 29 YCAA Seminar. Javier Ballesteros-Paredes, Instituto de Radioastronomia y Astrofisica, UNAM, "Gravity or turbulence? Virial state and scaling relations of molecular clouds", Watson Center, rm. A-51 at 2:30 PM.

For more seminars see:

<http://physics.yale.edu/calendar>

Please [click here](#) for updates on the Yale Science Building, including information about the YSB Construction Phase Pedestrian Impact. 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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Reminder: for questions regarding ...

Undergraduate studies/students and Postdoctoral appointments – Daphne Klemme

Graduate studies/students – Sandy Tranquilli

Faculty appointments and Research Scientist Appointments – Maria Foley

SPL Facilities – Susan DeLong