Events

Monday, April 19
4:00 pm  **Physics Club:**  *The Borexino heritage: pp and CNO solar neutrinos*, Marco Pallavicini, Università di Genova and INFN, zoom, password: 728888. Host: Karsten Heeger.

Tuesday, April 20
11:30 am  **Yale School of Engineering & Applied Science, Department of Mechanical Engineering and Materials Science Seminar:**  *Inks to Devices: Directed Assembly of Multiscale Multifunctional Architectures*, J. William Boley, Boston University, zoom. Host: Rebecca Kramer.

4:00 pm  **Chemistry Department - Physical Seminar:**  *Spectroscopic probes of plasmon-driven chemical reactions*, Renee Frontiera, University of Minnesota, zoom, password: 869197.

4:00 pm  **The Franke Program in Science and the Humanities Distinguished Speaker:**  *How Humans and Matter Transformed One Another*, Ainissa Ramirez, Author, Register in advance for this meeting.

Wednesday, April 21
1:00 pm  **Chemistry Department - Chemical Biology Seminar:**  *Biochemical Studies of Messenger RNA Degradation*, Eugene Valkov, National Institutes of Health, zoom, password: 201342.

3:30 pm  **Earth & Planetary Science Colloquium:**  *Title TBA*, Craig Manning, Stowers University of California, Los Angeles, zoom, contact department for information.

4:00 pm  **Molecular, Cellular and Developmental Biology Seminar:**  *The Dynamic Inner Nuclear Membrane Proteome*, Sue Jaspersen, Stowers Institute for Medical Research, zoom, passcode: 793090. Host: Shirin Bahmanyar.

Thursday, April 22
12:00 pm  **Yale Quantum Institute C2QA Quantum Thursday:**  *First-principles Modeling of Quantum Defects*, Chris Van de Walle, University of California, Santa Barbara, zoom, contact department for information.

1:00 pm  **Nuclear-Particle-Astrophysics Zoom Seminar:**  *Searching for axion dark matter with the dielectric haloscope MADMAX*, Xiaoyue Li, Max Planck Institute, zoom. Host: Pranava Surukuchi.
2:30 pm  Yale Astronomy Virtual Colloquium: Title TBA, Michael Zevin, University of Chicago, zoom, contact department for information.

3:00 pm  The Franke Program in Science and the Humanities and the John Templeton Foundation Interference Project Talk: Are Scientific Models Fictions? Model-Based Science as Epistemic Warfare, Lorenzo Magnani, University of Pavia, Italy, register in advance.

Friday, April 23

12:00 pm  Yale Quantum Institute Webinar: Ultracold Fermions in a Box, Nir Navon, Yale University, zoom.

12:00 pm  PEB Discussion Group: Mechanisms for collision avoidance in walking Drosophila, Ryosuke Tanaka, Yale University and Robust olfactory navigation is shaped by multiple temporal features of turbulent odor plumes, Viraaj Jayaram, Yale University, zoom.

3:00 pm  The Franke Program in Science and the Humanities and the John Templeton Foundation Interference Project Talk: A conversation with Professor Magnani, James Weatherall, University of California, Irvine, register in advance.

More events

News

Soner Albayrak successfully defends thesis

On April 7, 2021 Soner Albayrak successfully defended the thesis: “Analytic Studies of Fermions in Conformal Bootstrap” (Advisor: David Poland).

Gavrielov joins Yale Physics as Postdoctoral Fellow

Yale Physics welcomes Noam Gavrielov as a postdoctoral fellow in physics. He will be here for one year working with Francesco Iachello in theoretical nuclear physics.

Keith Baker appointed the D. Allan Bromley Professor of Physics

Yale Physics professor Keith Baker, a particle physicist known for his contributions to the discovery of the Higgs boson and his work on dark matter, has been appointed the D. Allan Bromley Professor of Physics. His appointment was effective Feb. 20.
Larry Gladney gives Yale STEM and Social Inclusion lecture

On April 6, 2021, the Phyllis A. Wallace Dean of Diversity and Faculty Development in the Faculty of Arts and Sciences and Professor of Physics Larry Gladney gave a talk at Yale’s new STEM and Social Inclusion lecture series, discussing his life and career as a scientist.

Mislav Balokovic (YCAA Postdoctoral Fellow) reads dazzling dispatches

Mislav Balokovic’s work is featured in the Yale News article, “Dazzling dispatches from the heart of a galaxy”, published April 14, 2021.

Community

SPL Exterior Renovations

If you are spending time in SPL, you have noticed that the exterior looks very different. Scaffolding and covered walkways surround the building to allow for roof and exterior repairs, and masonry cleaning of the exterior. Attached is the latest logistics plan for entry and walkways around the building.

In addition, starting Monday, 4/19/21 thru 4/24/21, Petra will shut off access from inside & outside of the south entrance doors into the Sloane basement, EXCEPT for ADA & emergency egress. A lift will be working over the southwest corner of the building removing demolition debris & loading roofing materials. Signage will be posted with caution tape at the 2 basement doors directing folks to the 2 north doors on the 1st floor.

Climate and Diversity Committee News

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

COVID-19 update

Please check Yale COVID-19 Statistics for current statistics. The current COVID-19 Alert Level is Orange, see the site for an explanation.
Opportunities

Faculty positions

Faculty and Associate Faculty Positions - Perimeter Institute (no date)
Experimental Quantum Information Science (Applied Physics) - Yale University (Jun. 1, 2021)

Faculty Awards

Faculty of Arts and Sciences Dean's Award for Inclusion and Belonging - Yale University (Apr. 16, 2021)

Fellowships

Postdoctoral Fellowship Opportunities - Stanford University (Apr. 30, 2021)

Graduate Research

Office of Science Graduate Student Research program - U.S. Department of Energy (May 5, 2021)

Undergraduate Research

Research Assistant - Yale School of Public Health (contact Navin Kumar for further information)
Research Assistant - Forastiere Lab (contact Navin Kumar for further information)
Fall 2021 Undergraduate Internships - DOE (May 27, 2021)