Friday, March 11, 2022

Events

**Monday, March 14**

9:00 am  **Dissertation Defense**: Measurement of Correlations Between Neutral Pions and Charged Hadrons in Heavy Ion Collisions with ALICE, Michael Oliver, Yale University. Wright Lab 216 and zoom. Thesis Advisor: John Harris.

2:00 pm  **Physics Club**: New Directions for Light Dark Matter, Yonit Hochberg, Hebrew University of Jerusalem, zoom, passcode: a863491. Host: David Poland.

3:15 pm  **Stellar Astrophysics Journal Club**: First High Resolution Interferometric Observation of a Solar Prominence With ALMA Nicolas Labrosse, Andrew S. Rodger, Krzysztof Radziszewski, Paweł Rudawy, Patrick Antolin, Lyndsay Fletcher, Peter J. Levens, Aaron W. Peat, Brigitte Schmieder, Paulo J. A. Simões, Dr. Rachael Roettenbacher, Yale University, zoom. Fermat Library Link.

**Tuesday, March 15**

12:30 pm  **Yale Exoplanets and Stars Seminar**: Dust Evolution in 1D, 2D, (and 3D) Hydrodynamics Simulations of Protoplanetary Disks, Thomas Pfeil, Max Planck Institute for Astronomy, zoom.

**Wednesday, March 16**

1:00 pm  **Systems Biology Institute Seminar**: Biological Systems of Cell Defense, John MacMicking, Yale School of Medicine, zoom, passcode: 444975.

4:00 pm  **Earth & Planetary Sciences Colloquium**: Title TBA, Erika Marin-Spiotta, University of Wisconsin-Madison, zoom, contact Earth & Planetary Sciences for connection information

4:15 pm  **Mathematics Colloquium**: Distribution of points in varieties: various aspects and their interaction, Ziyang Gao, Hannover, zoom, contact Mathematics for connection information

**Thursday, March 17**

1:00 pm  **Nuclear Particle Astrophysics (NPA) Seminar**: Was There an Electroweak Phase Transition?, Michael Ramsey-Musolf, University of Massachusetts, Wright Lab 216. zoom, passcode: 274644. Host: Michael Jewell.
Friday, March 18

10:00 am Wright Lab Training: EHS Orientation for Wright Lab Shop Users - Spring 2022, Environmental Health and Safety, Wright Lab Shop Facilities. Register here.

12:00 pm Biophysics Research in Progress (RIP) Talks: Visualization of Outer-Arm Dynein assembly onto microtubule doublet by TIRF and cryo-EM, Pengxin Chai (Zhang Lab) & Investigating the role of phosphorylated binding partners in p120RasGAP function, Kimberly Vish (Boggon Lab), Bass 305 & zoom.

News

Chris Wang defends thesis


Charles D. Brown II wins award at UC Berkeley

Incoming Yale Physics faculty member Charles Brown has been awarded the 2021-2022 Chancellor’s Award for Civic Engagement from the University of California, Berkeley (U.C. Berkeley).

Pieter van Dokkum research in Yale News

For the past decade, the Dragonfly Telephoto Array — designed by Yale’s Pieter van Dokkum and the University of Toronto’s Roberto Abraham and located in New Mexico — has conducted groundbreaking science by detecting faint starlight within dimly lit parts of the night sky.

Physics Club, March 7th Video available

The Physics Club of March 7, 2022 was presented by Michael Zaletel of the University of California, Berkeley on "Electrically charged
Community

Climate and Diversity Committee News

For International Women's Day we highlighted the physics department administrative staff, graduate students, postdoctoral fellows and faculty. Here is the post: https://instagram.com/p/Ca2bZ_2onMo/

If interested in joining the CDC, please contact Rona Ramos, Chair of CDC. You may contact the whole committee at physics-cdc@mailman.yale.edu

COVID-19 update

Yale COVID-19 Information
Yale COVID-19 Statistics
COVID-19 Workplace Guidance
Yale College COVID-19 Announcements and FAQs
Yale Physics COVID-19 site
Current COVID-19 status is Yellow

Opportunities

Faculty Positions

Lecturer Positions at Texas A&M University (deadline Mar. 14, 2022 or until filled)

Assistant Professor in Experimental Condensed Matter Physics at the University of California, Riverside (deadline Mar. 30, 2022 or until filled)

Assistant Professor position in Experimental Particle Astrophysics, Cosmology or Gravitational Waves at the University of California, Riverside (deadline Apr. 1, 2022 or until filled)

Asst. Prof. in Experimental Particle Physics position - UPenn (Deadline until filled)

Assistant Professor of Physics, Tenure track - The College of Wooster (Deadline until filled)

Junior Faculty Search in Fundamental symmetries (experiment), broadly defined - UC Berkeley (Deadline until filled)

Assistant Professor in Experimental Particle Physics - University of Pennsylvania (Deadline until filled)

Physics Faculty Postion - CSU San Bernardino (Deadline until filled)
**Full-Time Lecturer Position in Physics** - University of Massachusetts, Dartmouth College of Engineering (Deadline until filled)

**Physics Clinical Assistant Professor Position** - NYU (Deadline until filled)

**Associate/Full Professor, Experimental Atomic, Molecular, and Optical Physics** - Yale University (Deadline until filled)

**Faculty and Associate Faculty Positions** - Perimeter Institute (no deadline)

**Assistant Professor in Biophysics** - University of North Texas in Denton (no deadline)

**Assistant Professor or Associate Professor in Photonics** - University of North Texas in Denton (no deadline)

**Assistant Professor in Energy** - University of North Texas in Denton (no deadline)

**Postdoctoral Positions**

**Air Force Science & Technology Fellowships** (Rolling deadlines Feb 1, May 1, Aug 1, Nov 1)

**Postdoctoral Associate Position in Theoretical Physics** - Yale University (Deadline until filled)

**Product Development Engineer** - Hyperlight (no deadline)

**Integrated Photonics Research Scientist** - Hyperlight (no deadline)

**Lab Positions**

**Lab Director, Undergraduate Quantum Education Laboratory** - the University of Chicago (no deadline)

**Graduate Student and Postdoc Research**

**Laboratory Residency Graduate Fellowship** - DOE National Nuclear Security Administration (deadline Mar. 16, 2022)

**Research Fellows 2022** - Ikerbasque - the Basque Foundation for Science (deadline Mar. 15, 2022)

**Experimental-Physics Education Specialist** - Scripps College (no deadline)

**Dudley Observatory Astronomer** - Siena College (deadline until filled)

**Undergraduate Research**

Research Assistant - Yale School of Medicine (contact Navin Kumar for further information)

- Research Assistant – Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)
- Research Assistant – Data Analysis & Harm Reduction (send CV to Keyu Chen keyuchen2020@gmail.com)

**Spring 2022 Undergraduate Internships** - DOE Office of Science

**Scholarship Opportunities**

**Laura Bassi Scholarship** - Editing Press (deadlines Mar. 27, 2022 (Spring 2022) and July 27, 2022 (Summer 2022)

**Grant Opportunities**
Research Grants - OPRA Association for Advancement of Research in Nuclear & Particle Physics (Deadline Apr. 14, 2022)

Summer Schools


Advanced Cyperinfrastructure Training for Modeling Physical Systems at Rensselaer Polytechnic Institute - Boot Camp: June 15-17, 2022 & Summer School: June 20-July 8, 2022 (deadline May 15, 2022)

For further information, or to contribute to the newsletter, please send email to Daphne Klemme.