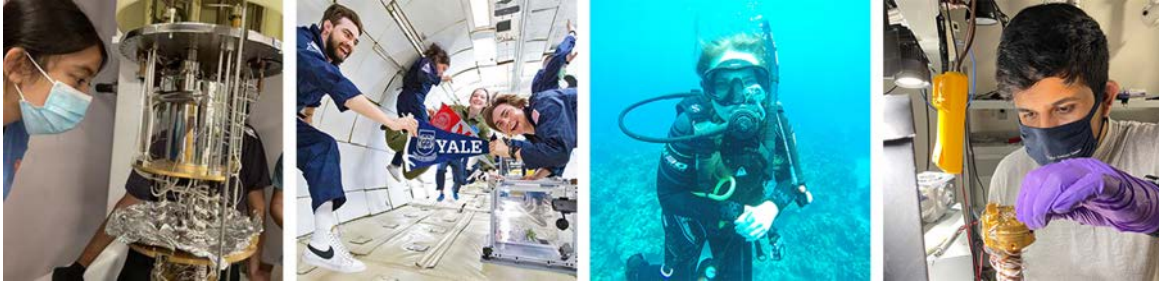


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# Yale Physics



**Friday, September 23, 2022**

## Events

**Monday, September 26**

- 10:00 am **Yale Quantum Institute Colloquium:** *Parametric controls and modular quantum computing in superconducting quantum circuits*, Michael Hatridge, University of Pittsburgh, YQI Seminar Room + zoom. Host: Rob Schoelkopf.
- 10:30 am **Particle Theory Seminar:** *(Non-invertible) Symmetries, Holography, Branes, and a bit of Confinement*, Fabio Apruzzi, University of Bern, SPL 51. Host: Murat Kologlu.
- 4:00 pm **Physics Club:** *Generalized Global Symmetries*, Shu-Heng Shao, Stony Brook University, SPL 57. Host: Ian Moulton. Refreshments served before the talk.
- 4:00 pm **Molecular Biophysics & Biochemistry Seminar:** *Dances with mRNA*, Wendy Gilbert, Yale University, JEH (315 Cedar Street).

**Tuesday, September 27**

- 3:00 pm **Wright Lab Event:** *Introduction to Yale Spinup and Cloud Computing Workshop*, Vincent Balbarin, Yale University, WL 216. RSVP [here](#).
- 4:00 pm **Particle Theory Seminar:** *New Global Symmetries in Nature*, Shu-Heng Shao, Stony Brook University, SPL 51. Hosts: Bianka Meczaj, Yuan Xin, Petar Tadic.
- 4:00 pm **Department of Chemistry Virtual Inorganic Seminar:** *ing Boundaries: Nonadiabatic Dynamics Simulations of Solvent-supported Electronic States*, William Glover, NYU Shanghai, contact the chemistry department for connection information.

**Wednesday, September 28**

- 10:30 am **Wright Lab Event:** *EHS Orientation for Wright Lab Shop Users - Fall 2022*, 1-hour Environmental Health & Safety (EHS) shop orientation. Required to be taken once by anyone who would like to gain access and make use of the research and teaching shops at Wright Lab. [Register here](#).
- 11:00 am **Yale Quantum Institute Talk:** *Photonic resource state generation from a minimal number of quantum emitters*, Bikun Li, Virginia Tech, YQI Seminar Room + zoom.

- 2:30 pm **Mechanical Engineering and Materials Science Seminar:** *Microscopic Organisms Navigating in a Turbulent Ocean*, Mimi Koehl, University of California, Berkeley, ML 107. Host: Madhu Venkadesan.
- 3:00 pm **The Franke Program in Science and the Humanities and John Templeton Foundation:** *Inference: A Logical-Philosophical Perspective*, Alexander Paseau, University of Oxford, zoom. [Register here](#).
- 4:00 pm **Earth & Planetary Sciences Alan M. Bateman Lecture:** *The Decade(s) of Venus*, Joseph O'Rourke, Arizona State University, KGL 123.

## Thursday, September 29

- 1:00 pm **NPA Seminar:** *The Long Range Plan for Nuclear Science: A Perspective on Hot QCD Priorities*, Dennis Perepelitsa, University of Colorado, Boulder, WL 216. Host: Fernando Flor. [RSVP here](#).
- 2:30 pm **Yale Astronomy Colloquium:** *Galaxy-halo connection and near-field cosmology with numerical and semi-analytic methods*, Fangzhou Jiang, Caltech, WTS A-51.

## Friday, September 30

- 11:00 am **Wright Lab Event:** *The Elusives Journal Club*, Members in the departments of physics and astronomy who work on dark matter and neutrino-related fields are invited to get together to discuss papers related to their field. Topics include: neutrinos, dark matter, BSM physics, fundamental symmetries, precision physics and more, WL 216. Host: [Jorge Torres](#) (email for zoom connection).

[More events](#)

## News



### 43rd Hanan Rosenthal Memorial Lecture

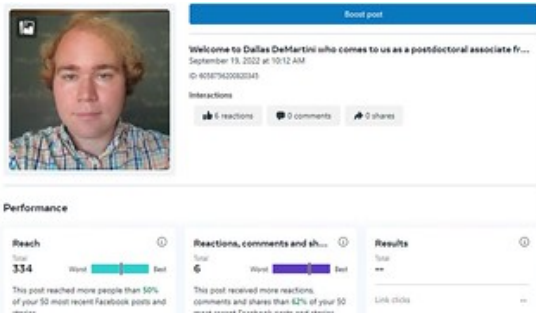
The Yale Physics 43rd Hanan Rosenthal Memorial Lecture was given on September 19, 2022 by Francesca Ferlaino, IQOQI-Innsbruck, Austrian Academy of Sciences. The topic was “Supersolidity in dipolar quantum gases: when atoms behave as crystal and superfluid at the same time”.

[More news](#)

## Social Media This week

### Yale Physics Welcomes Dallas DeMartini

The Yale Physics Department welcomes Dallas DeMartini who started as an postdoctoral associate on September 12, 2022.



Among the top posts of the week on Facebook, Instagram, and Twitter.

## Community

### Climate and Diversity Committee News

Yale celebrates [Latinx Heritage Month](#) in honor of community members with ancestry from Latin America, inclusive of all races and genders.

*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](mailto:physics-cdc@mailman.yale.edu)*

### COVID-19 update

Yale COVID-19 Information - [click here](#) for updated information.

## Opportunities

### Faculty Positions

[Asst./Assoc./Full Professor in Experimental Quantum Science](#) - Yale University

[Associate/Full Professor, Experimental Atomic, Molecular, and Optical Physics](#) - Yale University

[Assistant Professor in Biological Physics](#) - Yale University

[Assistant Professor in Experimental Nuclear Physics](#) - Yale University

[Assistant Professor in Astrophysics & Cosmology](#) - Yale University

[Assistant Professor of Physics, Tenure track](#) - The College of Wooster

[Assistant Professor in Experimental Particle Physics](#) - University of Pennsylvania

[Faculty and Associate Faculty Positions](#) - Perimeter Institute

[Assistant Professor Position in Experimental Quantum Information Science](#) - NYU (anticipated start date of **Sept. 1, 2023**)

[Assistant Professor Position in Quantum Condensed Matter and Atomic Molecular and Optical Physics](#) - NYU (review of applications will begin **November 1, 2022**)

[Assistant Professor Position in Particle Astrophysics, Cosmology, and Gravitational Waves](#) - University of California, Riverside (application open through **December 31, 2022**, anticipated start date of July 1, 2023)

[Associate Professor Position in Particle Astrophysics, Cosmology, and Gravitational Waves](#) - University of California, Riverside (application open through **June 30, 2023**, anticipated start date of July 1, 2023)

[Assistant Professor of Physics](#) - University of Oregon (application deadline **October 15, 2022**)

[Assistant Professor, Department of Physics and Astronomy](#) - University of California, Davis (application deadline **November 18, 2022**, anticipated start date of July 1, 2023)

[Assistant/Associate Professor, Physics](#) - Hope College (deadline **December 31, 2022**)

## Research Scientist Positions

[Research Scientist, Relativistic Heavy-Ion Research Group](#) - Yale University

[Research Scientists \(CHORD radio telescope\) 5 Year Term](#) - Perimeter Institute

## Postdoctoral Positions

[Postdoctoral Associate Position in Theoretical Physics](#) - Yale University

[Postdoc position in research and science communication](#) - Yale University (application deadline **October 1, 2022**)

[Postdoctoral Research Associate - Experimental Nuclear/Particle Physics](#) (multiple positions) @ UMass Amherst

[Prize postdoctoral fellowship at Johns Hopkins Physics and Astronomy](#) - Johns Hopkins University (application open through **February 8, 2023**, consideration of applications will begin on November 1, 2022)

[The Department of the Airforce Science & Technology Fellowship Program](#)

## Graduate Student and Postdoc Research

[Dudley Observatory Astronomer](#) - Siena College

[Positions for postdocs and graduate students affected by the war in Ukraine](#) - Perimeter Institute

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

[Spring 2023 Undergraduate Internships](#) - DOE Office of Science (applications due **October 5**)

## Graduate Student and Postdoc Schools, Workshops, and Conferences

[Quantum Gravity Around the Corner](#), October 3-7, 2022 - Perimeter Institute

[NASA Science Mission Design Schools](#) - NASA Jet Propulsion Laboratory (deadline **September 28**, for the Astrophysics Mission Design School 2023)

[iid2022: Statistical Methods for Event Data](#), November 15-19, 2022 - University of Alabama in Huntsville

[Go Beyond: Postdoc Preview](#), October 28-30, 2022 - University of Notre Dame

[Quantum Creators Prize Symposium 2022](#), November 14-15, 2022 - The Chicago Quantum Exchange and the University of Chicago (deadline September 11)

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*For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#). Alumni can add/update their information by [clicking here](#).*

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