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Yale Physics



Upcoming Events

Monday, October 28

4:00pm: Department of Chemistry Silliman Lecture in Inorganic Chemistry. Hannah Shafaat, The Ohio State University, "Looking to the Future by Modeling the Past: Design and Characterization of Engineered Metalloenzymes for Small Molecule Activation" in SCL 160.

4:00pm: Department of Mathematics Colloquium. Wei Ho, University of Michigan, "Integral points on elliptic curves" in LOM 206.

5:00pm: Department of Mathematics Colloquium. Bhargav Bhatt, University of Michigan, "Interpolating p -adic cohomology theories" in LOM 206.

5:00pm Yale Quantum Institute Public Conversation. Michel Devoret & Paul Kahn, Yale University, "Do you have to be a quantum physicist to speak to one?" in YQI Seminar Room.

Tuesday, October 29

12:00pm: WIDG Seminar. Patrick Bolton, University College London, "Neutrinoless Double Beta Decay Versus Direct Search Probes of the Inverse Seesaw Mechanism" in WL-C 245. RSVP for Lunch.

4:00pm: Department of Chemistry Silliman Lecture in Physical Chemistry. Christian Hilty, Texas A&M University, "Protein Structure, Dynamics and Folding Viewed Through

Hyperpolarized NMR" in SCL 111.

4:00pm: Particle/High Energy Theory Seminar. Mariana Carillo Gonzalez, University of Pennsylvania, "[Pushing the limits of the double copy](#)" in SPL 52. Host: David Poland.

Wednesday, October 30

1:00pm: Solid State & Optics Seminar. Prof. Jon Fan, Stanford, "[New Optimization Strategies in Inverse Electromagnetics Design](#)" in DL 107 (Mann Engineer Student Center). Host: Owen Miller.

1:00pm: Dissertation Defense. Tong Shu, Yale University, "[Molecular Mechanisms of Regulated SNARE Assembly Revealed by Single-Molecule Force Spectroscopy](#)" in Sterling Hall of Medicine, rm. C428. Thesis Advisors: James Rothman/Yongli Zhang.

1:00pm: Special NPA Seminar. Lukas Graf, Max-Planck Institute for Nuclear Physics, "[Lepton Number Violation in the Nucleus and the Universe](#)" in WL 216.

2:30pm: Department of Mechanical Engineering and Materials Science Seminar. Eckart Meiburg, University of California, Santa Barbara, "[Settling of Cohesive Sediment: Particle-resolved Simulations](#)" in ML 107. Host: Corey O'Hern. Refreshments served at 2:15pm.

4:00pm: Yale Physics Professional Development Organization (YPPDO) Seminar. Rick Li, Goldman Sachs, "[From Physics to Financial Services](#)" in WL 216. **RSVP Required.**

Thursday, October 31

1:00pm: Condensed Matter Seminar. Eric Heller, Harvard, "[Re-thinking electrons and phonons in semiconductors and metals](#)" in SPL 52.

1:00pm: Nuclear Particle Astrophysics (NPA) Seminar. Erica Smith, Indiana University, "[Recent Results from the NOvA Experiment](#)" in WL 216. Host: Pranava Surukuchi.

2:30pm: Yale Astronomy & Astrophysics Colloquium. David Weinberg, Ohio State University, "[Decoding Chemical Evolution and Nucleosynthesis](#)" in WTS A-51.

3:00pm Dissertation Defense. Christian Weber, Yale University, "[New Search for \$H \rightarrow ZZd \rightarrow 4l\$ using pp collision data at \$\sqrt{s}=13\$ TeV with the ATLAS detector](#)" in WL 216. Thesis Advisor: Keith Baker.

4:15pm: Department of Mathematics Colloquium. Frédéric Paulin, Université Paris-Sud 11, Orsay, "[Equidistribution of common perpendiculars in negative curvature and applications](#)" in LOM 215.

Friday, November 1

12:00pm: Poorvu Center for Teaching & Learning STEMinar. Jose Vazquez-Cognet, University of Illinois, "[Curiosity and Pleasures of Learning! Using Curiosity and Information Gaps to Motivate Students to Learn](#)" in WTS B-74.

4:00pm: Geology & Geophysics Colloquium. Christy Rowe, McGill University, "Title TBA" in KGL 123.

4:30pm: Department of Chemistry Silliman Lecture in Inorganic Chemistry. Christian Limberg, Humboldt-Universität zu Berlin, "[Solid Catalysts and Enzymes as an Inspiration for the Design of Functional Molecular Compounds](#)" in SCL 111.

More events

News



Steven Girvin (Eugene Higgins Professor of Physics) on Here & Now on NPR about "Google's Supercomputer Makes A Quantum Leap"

Here & Now talks with Yale University professor of physics [Steven Girvin](#) about what this quantum breakthrough means for the future of computing and our daily lives.

This segment aired on October 23, 2019.

[Read More](#)

Community



Climate and Diversity Committee

October is also Disability Awareness Month. On Mon. Nov 11 10:30-12 the last talk in the Poorvu center's "Thinking about accessibility" series is on Accessible Word Documents, PowerPoint Presentations and PDFs: Basics (<https://poorvucenter.yale.edu/event/accessible-word-documents-powerpoint-presentations-and-pdfs-basics-4>). Other tips and ideas for creating an equitable and inclusive teaching environment can be found here (<https://poorvucenter.yale.edu/InclusiveTeachingStrategies>)

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



For further information, or to contribute to the newsletter, please send email to [Daphne Klemme](#).

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