


## NSD Staff Meeting

Tuesday, 5 March 2019 from **12:00** to **13:00** (US/Pacific)  
at **LBL-Hill ( Building 50 - Auditorium )**

Manage ▼

### Tuesday, 5 March 2019

- |               |                                                                                                                                                                                                                                   |   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 12:00 - 12:05 | Announcements 5'<br>Speaker: Mateusz Ploskon                                                                                                                                                                                      | ▼ |
| 12:05 - 12:15 | Safety 10'<br>Speaker: Dave Rodgers                                                                                                                                                                                               | ▼ |
| 12:15 - 12:25 | Diversity, Equity, and Inclusion 10'<br>Speakers: Barbara Jacak, Erika Suzuki, Tom Gallant (LBNL), Ernst Sichtermann<br>Material: <b>Slides</b>  | ▼ |
| 12:25 - 13:00 | Science Talk: New Production Method for 225Ac 35'<br>Speaker: Andrew S. Voyles (NSD)                                                                                                                                              | ▼ |

**Next NSD staff meeting: 19<sup>th</sup> of March 2019**

# Notes on NSD meetings

<https://conferences.lbl.gov/category/73/>



Complete schedule until June 2019

**BERKELEY LAB**  
LAWRENCE BERKELEY NATIONAL LABORATORY

U.S. DEPARTMENT OF ENERGY

NSD NUCLEAR SCIENCE DIVISION

RESEARCH PROGRAMS

- Accelerator-Based Low-Energy Research
- Applied Nuclear Physics
- Neutrinos and Nuclear Astrophysics
- Nuclear Theory
- Relativistic Nuclear Collisions

FACILITIES

- 88-Inch Cyclotron
- BASE (Space Radiation Effects Testing) User Facility
- Low Background Facility

PROJECTS

EDUCATION & OUTREACH

PHYSICAL SCIENCES WORKPLACE COMMITTEE

NSD ORGANIZATION

NSD Calendar site

NUCLEAR SCIENCE DIVISION STAFF

NSD Newsletter Archive

NSD Newsletter April 2018:

- RNC brings supercomputing to heavy ions
- Medical imager photographs 88-inch cyclotron beam, for cancer studies
- From the cockpit to the lab – former USAF test pilot lands at in Berkeley Lab's NSD
- Fragments
- Newsletter notes

SEMINARS

NSD INTERNAL POLICY

JOB OPPORTUNITIES

Contact: S. Ritterbusch

U.S. DEPARTMENT OF ENERGY  
Office of Science

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Meetings

Hide the events in the future (5)

Managers

- Bonifacio, L.
- Ploskon, M.
- Seidl, P.

Files

May 2019

- 28 May NSD Staff Meeting
- 14 May NSD Staff Meeting

April 2019

- 30 Apr NSD Staff Meeting
- 16 Apr NSD Staff Meeting
- 02 Apr NSD Staff Meeting

March 2019

- 19 Mar NSD Staff Meeting
- 05 Mar NSD Staff Meeting

February 2019

- 19 Feb NSD Staff Meeting
- 05 Feb NSD Staff Meeting

January 2019

- 22 Jan NSD Staff Meeting
- 08 Jan NSD Staff Meeting

December 2018

- 18 Dec NSD Staff Meeting
- 04 Dec NSD Staff Meeting

November 2018

- 20 Nov NSD Staff Meeting
- 06 Nov NSD Staff Meeting

There are 4 events in the past. Show them.

Powered by Indico

Science talks – available dates:

April 2, 16, 30

May 14, 28

NSD Seminars

- NSD Staff Meetings
- HIT: Heavy Ion Tea
- INPA Journal Club
- Nuclear Physics Forum

External Links

- LBL home page
- LBL Physics Division
- LBL Accelerator Technology and Applied Physics Division
- LBL Engineering Division
- DOE Office of Nuclear Physics

# Upcoming events

TODAY: NSD LDRD 2<sup>nd</sup> 'preview' meeting

**Starting at 1pm, 54-130/Pers. Hall**

Prior to their presentations, presenters should upload their slides at:

<https://goo.gl/3nCJXK>

The presentations will also be streamed online via Zoom:

<https://lbnl.zoom.us/j/5104952467>

# Upcoming events

<i>what</i>	<i>who</i>	<i>on what</i>	<i>date</i>	<i>time</i>	<i>where</i>
NSD coll.	K. Scholberg (Duke)	Observation of coherent elastic neutrino-nucleus scattering by COHERENT	13-Mar	2:00PM	Pers. Hall
HIT	G. Wang (UCLA)	Directed flow of quarks in heavy-ion collisions at RHIC energies	19-Mar	3:00PM	Pers Hall
NP Forum	K. Leach (Colorado School of Mines)	The Current Status of $\nu$ ud and the Top-Row CKM Unitarity Test: How Did We Get Here?	7-Mar	11:00 AM	B 88 Lounge (2nd floor)
Nuclear Theory	J. Chang	Exploring quantum annealing for applications to nuclear physics	8-Mar	1:00 PM	Swiatecki
RPM	E. Castorina (UCB)	Cosmology with Neutral Hydrogen in the Post Reionization Era	7-Mar	4:00 PM	50A-5132 (Sessler)
RPM	Simon Knapen (IAS)	TBA	12-Mar	4:00 PM	50A-5132
RPM	D. Robinson (UCSC/LBNL)	TBA	14-Mar	4:00 PM	50A-5132
RPM	R. Bonventre (LBNL)	TBA	19-Mar	4:00 PM	50A-5132
UCB Nucl. Eng.	S. Philippe (Stanton Nuclear Security Fellow)	Disorder-based Instruments and Methods for Sensitive Nuclear Inspections	11-Mar	4:00 PM	3105 Etcheverry Hall
UCB Nucl. Eng.	D. Whyte (MIT Plasma Science & Fusion Center)	Small modular & economically attractive fusion enabled by high-field superconductors	18-Mar	4:00 PM	3105 Etcheverry Hall
UCB Quantum Science and Tech.	U. Vazirani (Berkeley)	Quantum computing algorithms	6-Mar	11 AM	375 Le Conte
UCB Quantum Science and Tech.	J. Preskill (Caltech)	Quantum information science	13-Mar	11 AM	375 Le Conte
UCB Physics	M. Scott (UCB)	TBA	11-Mar	2:30 PM	106 Stanley Hall
2019 Oppenheimer Lecture: Teaching for Learning	H. R. Quinn (Stanford - SLAC)	Teaching for Learning - working title	13-Mar	5:30 PM	Chevron Audit. at Int. House
UCB Physics	A. Mackenzie (Max Planck for Chem. Physics - Dresden)	TBA	18-Mar	2:30 PM	106 Stanley Hall

**Next NSD staff meeting: 19<sup>th</sup> of March 2019**



# Berkeley Quantum Science and Technology Seminar

<https://physics.berkeley.edu/news-events/events/20190306/berkeley-quantum-science-and-technology-seminar>

## BERKELEY QUANTUM SCIENCE AND TECHNOLOGY SEMINAR

Wednesday, March 6, 2019 – 11:00am to Wednesday, May 8, 2019 – 1:00pm



The Center for Quantum Coherent Science presents The Spring 2019 Berkeley Quantum Science and Technology Seminar. Starting March 6, join the group from 11 – 1 in 375 LeConte Hall for talks and conversations over refreshments. Talks feature distinguished scientists in the fields of Math, Physics, Chemistry, Engineering, and Computer Science.

### Confirmed speakers include:

3/6 **Umesh Vazirani**, Berkeley. Quantum computing algorithms

3/13 **John Preskill**, Caltech. Quantum information science

3/20 **Ashvin Vishwanath**, Harvard. Quantum Materials

4/10 **Dave DeMille**, Yale. Ultracold chemistry

4/24 **Birgitta Whaley** (Berkeley). Complex and open quantum systems

5/1 **Junqiao Wu** (Berkeley). Engineering quantum systems

4/3, 4/17, and 5/8: Speakers to be announced.

Location:

375 LeConte Hall