

<https://conferences.lbl.gov/event/191/>


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## NSD Staff Meeting

Tuesday, 16 April 2019 from **12:00** to **13:00** (US/Pacific)  
at **LBL-Hill ( Building 50 - Auditorium )**

Manage ▾

### Tuesday, 16 April 2019

- |               |  |   |
|---------------|--|---|
| 12:00 - 12:05 | <b>Announcements 5'</b><br>Speaker: Mateusz Ploskon  | ▾ |
| 12:05 - 12:15 | <b>Safety 10'</b><br>Speaker: Dave Rodgers   | ▾ |
| 12:15 - 12:25 | <b>Diversity, Equity, and Inclusion 10'</b><br>Speakers: Barbara Jacak, Erika Suzuki, Tom Gallant (LBNL), Ernst Sichtermann<br>Material: <b>Slides</b>  | ▾ |
| 12:25 - 13:00 | <b>Science Talk: Interpretable deep learning for nuclear structure 35'</b><br>Speaker: Long Pang (NSD)   | ▾ |

**Next NSD staff meeting: 30<sup>th</sup> of APRIL 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
- Experiments
- Newsletter notes

SEMINARS

External Links

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

Contact: S. Ritterbusch

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Home Create event Room booking My profile Help

Home » NSD » Meetings

Meetings

Hide the events in the future (5)

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.

Managers

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

Files

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Science talks – available dates:

April 30

May 14, 28

# Notes on NSD meetings

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



Complete schedule until June 2019

**No speaker found/available for  
APRIL 30<sup>th</sup>  
Two weeks from Today  
Self nominations are welcomed!**

#### WORKPLACE COMMITTEE

#### NSD ORGANIZATION

[NSD Calendar site](#)

#### NUCLEAR SCIENCE DIVISION STAFF

[NSD Newsletter Archive](#)

#### NSD SAFETY

[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



- [HIT: Heavy Ion Test](#)
- [INPA Journal Club](#)
- [Nuclear Physics Forum](#)

#### External Links

- [LBL home page](#)
- [LBL Nuclear Physics Division](#)
- [LBL Accelerator Technology and Applied Physics Division](#)
- [LBL Engineering Division](#)
- [DOE Office of Nuclear Physics](#)

#### January 2019

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# Upcoming events

<i>what</i>	<i>who</i>	<i>on what</i>	<i>date</i>	<i>time</i>	<i>where</i>
HIT	Markus Diefenthaler	TBA	23-Apr	3:00 PM	Pers. Hall
INPA	Adam Bernstein (LLNL)	The WATCHMAN Experiment	19-Apr	12:00 PM	50A-5132
INPA	Karl van Bibber (UCB)	Axion Dark Matter Overview	26-Apr	12:00 PM	50A-5132
Interdisciplinary Instrumentation Colloquium	Paul Lecoq (CERN)	Picosecond timing resolution with scintillators for a new generation of HEP detectors and Time-of-Flight PET scanners	18-Apr	12:00 PM	50-Audit.
NP Forum	Ritu Kanungo (St. Mary's University)	Reaction spectroscopy unveils new features in rare isotopes	18-Apr	11:00 AM	B-88 2nd floor
RPM	Hitoshi Murayama (UCB/LBNL)	When a Symmetry Breaks	25-Apr	4:00 PM	50A-5132
Nucl. Eng. Seminar (UCB)	Todd Allen	21st Century Nuclear Energy	22-Apr	4:00 PM	3105 Etcheverry Hall
Condensed Matter Physics Seminars (UCB)	Daniel Rizzo (UCB)	Engineering the Topology of Graphene Nanoribbons	22-Apr	2:30 PM	106 Stanley Hall
UCB Phys. Coll.	Dimitrios Psaltis (U Arizona)	TBA	22-Apr	4:15 PM	1 LeConte
Berkeley Quantum Science Seminar	Birgitta Whaley (UCB)	Realizing the Promise of Quantum Computation	24-Apr	11:00 AM	375 LeConte Hall
Condensed Matter Physics Seminars (UCB)	Yaroslav Tserkovnyak (UCLA)	Topological Hydrodynamics in Insulators	29-Apr	2:30 PM	106 Stanley Hall
UCB Special Seminar	Michael Nauenberg (UC Santa Cruz)	Visiting Newton's Atelier Before the Principia - 1679-1684	29-Apr	4:15 PM	1 LeConte

**Next NSD staff meeting: 30<sup>th</sup> of APRIL 2019**

# FOA on Quantum Information Science

meeting at **Bldg. 54-Perseverance Hall #130 at 2:00pm on Friday (April 19)**

Dear Colleagues,

The DOE Nuclear Physics office released a FOA on Quantum Information Science about a week ago. The details of the laboratory call, which were distributed to you last week, can be found in:

[https://science.energy.gov/~media/grants/pdf/lab-announcements/2019/LAB\\_19-2110.pdf](https://science.energy.gov/~media/grants/pdf/lab-announcements/2019/LAB_19-2110.pdf)

This is a limited submission; each institution is allowed to submit only one proposal (but can have several components).

I am convening a meeting at **Bldg. 54-Perseverance Hall #130 at 2:00pm on Friday (April 19)** for those of you who are interested to pursue the opportunities in this FOA. Here is a preliminary agenda:

1. Overview of NP QIS funding and the current FOA
2. Overview of other related QIS proposals from LBNL that targets other FOA calls (primarily HEP)
3. First survey of proposal ideas from NSD
4. Strategy of the NSD submission

I would suggest that you prepare two slides if you have an idea that you would like to incorporate in the proposal. The first slide should discuss the idea and **how it links to the research portfolio of the DOE NP office**, and the second on the anticipated resource needs. The goal for this exercise is to collect ideas and to begin the discussion on our proposal strategy.

I envision that we will meet again two weeks after this initial meeting to have a thorough discussion of the ideas and how to package them into a proposal, leaving us about a month to write the proposal and to get feedback from the Directorate's Quantum Coordination Group before submission by the deadline of May 31.

Alan