

# NSD Staff Meeting



# TODAY

Tuesday 22 Sep 2020, 12:00 → 13:15 US/Pacific

LBL-Hill

Description Zoom Meeting <https://lbnl.zoom.us/j/792948648>  
Meeting ID: 792 948 648  
Password: 334258  
Find your local number: <https://lbnl.zoom.us/u/aceAbJt04R>

- 12:00** → 12:05 **Announcements** ⌚ 5m   
Speakers: Mateusz Ploskon, Xin Dong
- 12:05** → 12:15 **Division Office** ⌚ 10m   
Speakers: Alan Poon (Nuclear Science Division, Berkeley Lab), Barbara Jacak
- 12:15** → 12:25 **Safety** ⌚ 10m   
Speaker: Jeff Bramble (NSD)  
 Updates-4.pdf
- 12:25** → 12:35 **Diversity, Equity, and Inclusion - Imposter Syndrome** ⌚ 10m   
Speakers: Ernst Sichtermann, Heather Crawford, Mark Bandstra, Tom Gallant (LBNL)
- 12:35** → 13:10 **Science Talk: Detector Technology Development to Enable New Opportunities for Imaging in Nuclear Medicine** ⌚ 35m   
Speaker: Josh Cates

## Next Meeting: 6<sup>th</sup> of October 2020

# Upcoming events

## **Brown Bag Instrumentation Seminar**

"Resistive readout silicon sensors" by Nicolo Cartigila (INFN Torino)

Monday 28 Sep 2020, 11:00 → 12:00 US/Pacific

<https://indico.physics.lbl.gov/event/1262/> (ZOOM link included)

## **VIRTUAL INPA SEMINAR**

September 25 @ 12:00 pm - 1:00 pm

Speaker: Stephane Zsoldos (UC Berkeley)

Title: An overview of the Hyper-Kamiokande experiment

<https://inpa.lbl.gov/event/virtual-inpa-seminar-stephane-zsoldos-ucb/>

Zoom Meeting:

<https://lbnl.zoom.us/j/96424252212?pwd=bzVXMm5rN2thVUFKMnNNdG1FUUpPQT09>

Meeting ID: 964 2425 2212 Passcode: 974805

## **VIRTUAL INPA SEMINAR**

October 2 @ 12:00 pm - 1:00 pm

Speaker: Adrien Hourlier (MIT)

Title: TBD

<https://inpa.lbl.gov/event/virtual-inpa-seminar-adrien-hourlier-mit/>

## **Interdisciplinary Instrumentation Colloquium**

Amin Arbabian (Stanford University)

"Nyquist-RateHealthcare: Closing the Sub-Sampling Gap in Monitoring and Closed-Loop Therapy with IoT Devices and Processing at the Edge"

Wednesday 30 Sep 2020, 12:00 → 13:00 US/Pacific

<https://indico.physics.lbl.gov/event/1235/> (ZOOM link included)

Zoom Meeting: <https://lbnl.zoom.us/j/91482578834>

## **Nuclear Theory Seminar**

[Joint seminar (NT-UCLA)] Jasmine Brewer (CERN)

"Data-driven quark and gluon jet modification in heavy-ion collisions"

Wednesday, September 30, 1:00pm

ZOOM: <https://ucla.zoom.us/j/99142946553>

## **Physics Division RPM (<https://rpm.physics.lbl.gov/events/>)**

Vivian Miranda (U. Arizona)

"The Connected Universe: Relating Early, Intermediate and Late Universe with cosmological data"

September 24 @ 4:00 pm - 5:00 pm

<https://rpm.physics.lbl.gov/event/vivian-miranda-u-arizona-the-connected-universe-relating-early-intermediate-and-late-universe-with-cosmological-data/>

Zoom Meeting: <https://lbnl.zoom.us/j/91782268585>

## **Physics Division RPM (<https://rpm.physics.lbl.gov/events/>)**

Nan Lu (Caltech)

"Evidence for Higgs Boson Decay to a Pair of Muons from the CMS Experiment"

October 1 @ 4:00 pm - 5:00 pm

<https://rpm.physics.lbl.gov/event/nan-lu-caltech-tba/>

Zoom Meeting <https://lbnl.zoom.us/j/91782268585>

# Upcoming events

UCB Physics (<https://physics.berkeley.edu/events#All>)

## CONDENSED MATTER PHYSICS SEMINARS

Lucas Caretta

"Ultrafast Domain Wall Dynamics in Metallic and Insulating Ferrimagnets"

SEP 28, 2020

<https://berkeley.zoom.us/j/3680547136?pwd=LzdPSW1qY2xJd1VyWmFZSU50SW8rZz09> (The password is UCB)

## PHYSICS COLLOQUIA

Per F. Peterson

"Future Directions for Nuclear Energy"

SEP 28, 2020

<https://berkeley.zoom.us/j/97622966265?pwd=THI5T1UwTXl1UHBNMmY1b2YrU09aZz09>

## CONDENSED MATTER PHYSICS SEMINARS

Mi-Young Im

"Study on Topological Spin Textures utilizing Full-Field Soft X-ray Microscopy"

OCT 5, 2020

Connection TBA (monitor <https://physics.berkeley.edu/events#All> )

# Deep Learning for Science School

Webinar Series: July - September, 2020

Lawrence Berkeley National Laboratory, Berkeley, CA

<https://dl4sci-school.lbl.gov/agenda>

The webinar sessions will be held every **Thursday** at **9:30-11am Pacific Time** live on Zoom (register to receive updates and zoom link), recordings will be posted on YouTube for those who can't attend at that time.

Starting date: July 9th (offline Q&A on introductory material).

All recordings will be available on [YouTube](#).

Jul 9	Intro Week	
Jul 16	<a href="#">A Shallow Introduction to Deep Learning with PyTorch</a>	<a href="#">Evann Courdier (Idiap, EPFL)</a>
Jul 23	<a href="#">A Modern Guide to Hyperparameter Optimization</a>	<a href="#">Richard Liaw (AnyScale, UC Berkeley)</a>
Jul 30	<a href="#">Deep Generative Models</a>	<a href="#">Aditya Grover (Stanford University)</a>
Aug 6	<a href="#">Reproducibility in Deep Learning</a>	<a href="#">Koustuv Sinha (McGill University)</a>
Aug 13	----- Break -----	
Aug 20	<a href="#">Uncertainty and Out-of-Distribution Robustness in Deep Learning</a>	<a href="#">Balaji Lakshminarayanan, Dustin Tran and Jasper Snoek (Google Brain)</a>
Aug 27	<a href="#">How to Evaluate Efficient Deep Neural Network Approaches</a>	<a href="#">Vivienne Sze (MIT)</a>
Sep 3	<a href="#">Symmetry and Equivariance in Neural Networks</a>	<a href="#">Tess Smidt (Berkeley Lab)</a>
Sep 10	<a href="#">Distributed Large Batch Training</a>	<a href="#">Swetha Mandava (NVIDIA)</a>
Sep 17	<a href="#">Attention &amp; Language</a>	<a href="#">Rami Al-Rfou (Google Research)</a>
Sep 24	Solving PDEs using Neural Networks (title TBC)	<a href="#">Maziar Raissi (University of Colorado Boulder)</a>
Oct 1	Molecular Representations (title TBC)	<a href="#">Zachary Ulissi (Carnegie Mellon University)</a>





## Latest News

[Ambassador Program Fall 2020 Outreach Events](#)

[Meet the Four SLAM Winners of 2020](#)

[Latin American Heritage Month Zoom Background](#)

[How do you pronounce your name? Add an Audio Pronunciation Link to Your Email](#)

[Nominations for Women@The Lab Award Due Sept. 18](#)

## Upcoming Events

[Latin-themed Groove Lounge with DJ Miles Green – October 1, 2020](#)

[Pre-Release Viewing for New Documentary: Picture a Scientist – Sept. 23, 2020](#)

[Get a Move On – Three Great Opportunities to Jump Start Your Running Habit](#)

[Open House for STEM Educators – Sept. 19, 2020](#)

[September/October 'Be Well at Work' Workshops](#)

## Calendar of Events

### Tuesday, September 22

9:30am Morning 10-Minute Stretch Brea

12:30pm RunAround Prep: Get Moving! v

### Wednesday, September 23

9:30am Morning 10-Minute Stretch Brea

12:30pm Be Well at Work: Parenting Sup

### Thursday, September 24

9:30am Morning 10-Minute Stretch Brea

12:30pm RunAround Prep: Advanced Rui

2:00pm Solo@Home Meet Up

### Friday, September 25

9:30am Morning 10-Minute Stretch Brea

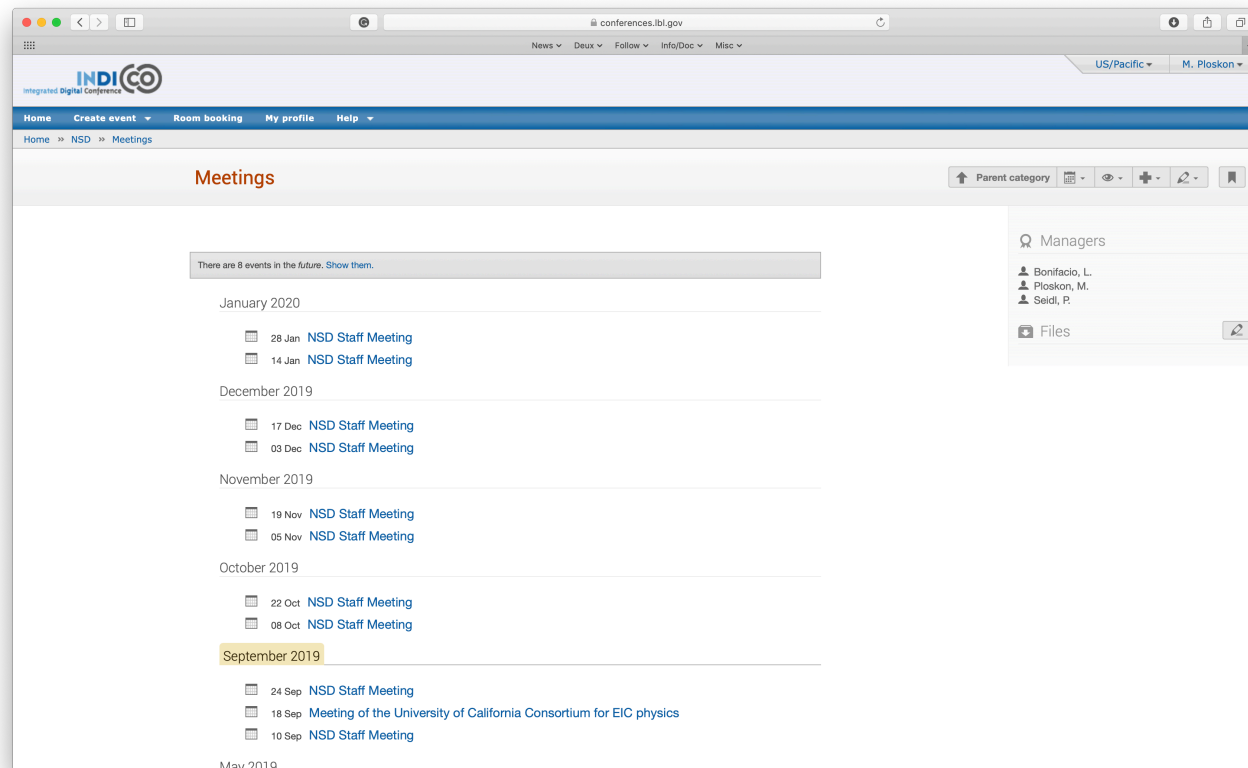
11:00am LBNL Meditation Group Sit (Zoo

4:30pm Berkeley Lab's Open Mic for Po



# Next Meeting: 6<sup>th</sup> of October

- <https://conferences.lbl.gov/category/73/>
- Volunteers/suggestions welcome!



## December 2020

- 15 Dec NSD Staff Meeting
- 01 Dec NSD Staff Meeting

## November 2020

- 17 Nov NSD Staff Meeting
- 03 Nov NSD Staff Meeting

## October 2020

- 20 Oct NSD Staff Meeting
- 06 Oct NSD Staff Meeting

## September 2020

- 22 Sep NSD Staff Meeting
- 08 Sep NSD Staff Meeting