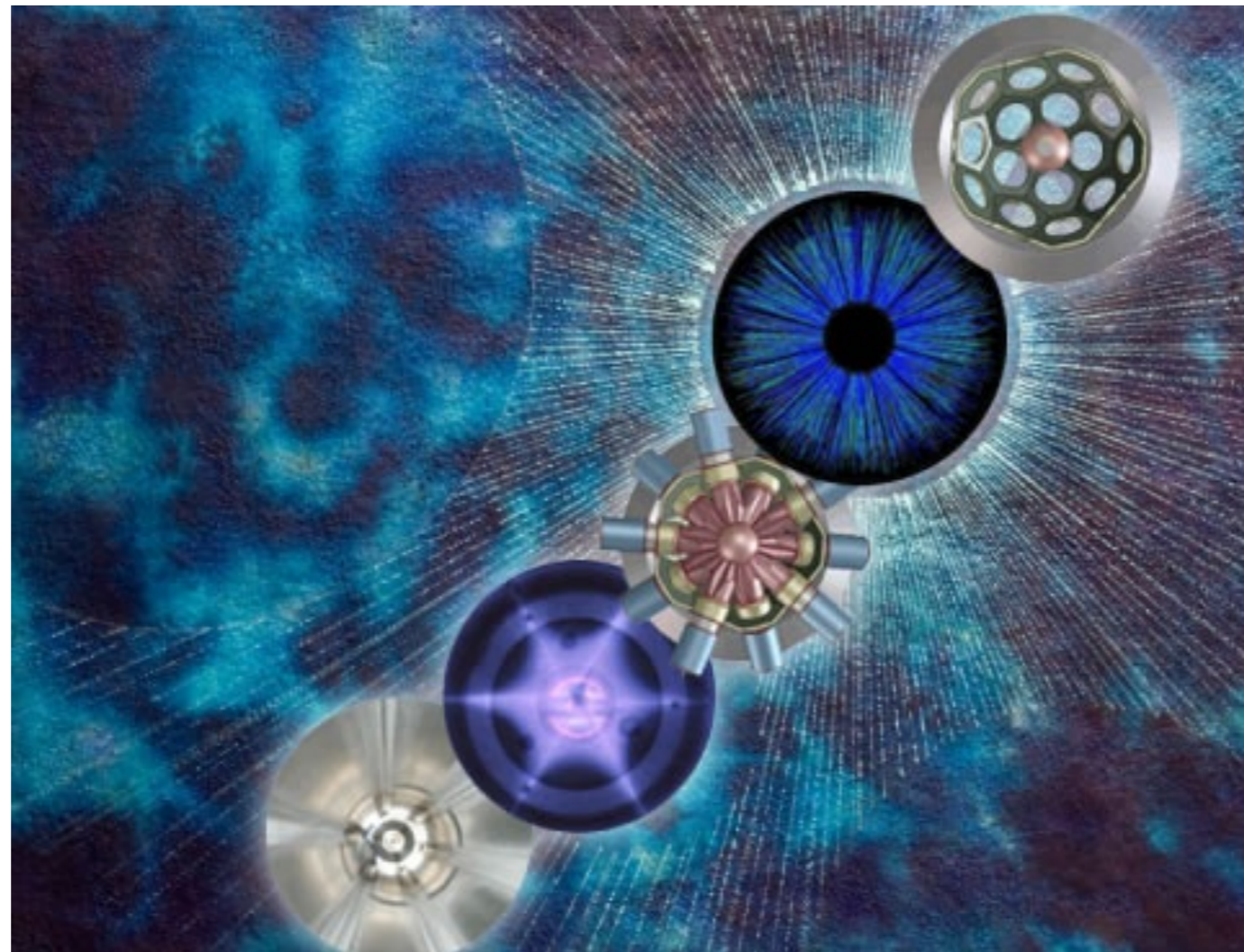


Nuclear Science Division Staff Meeting - 04/20/2021



Agenda

NSD Staff Meeting



Tuesday 20 Apr 2021, 12:00 → 13:00 US/Pacific

Description Zoom Meeting <https://lbnl.zoom.us/j/792948648>

Meeting ID: 792 948 648 Password: 334258

Find your local number: <https://lbnl.zoom.us/j/792948648>

- | | | | | |
|--------------|---------|--|-------|--|
| 12:00 | → 12:05 | Announcement
Speakers: Mateusz Ploskon, Xin Dong | 🕒 5m | |
| 12:05 | → 12:15 | Safety
Speaker: Jeff Bramble (NSD) | 🕒 10m | |
| 12:15 | → 12:30 | Diversity, Equity and Inclusion
Speakers: Ernst Sichtermann, Heather Crawford, Mark Bandstra, Tom Gallant (LBNL) | 🕒 15m | |
| 12:30 | → 12:50 | Diquark Structures in Nuclei
Speaker: Jennifer Rittenhouse West | 🕒 20m | |

Upcoming Events

HIT Seminar

Zoom: <https://lbnl.zoom.us/j/99103329080?pwd=ZmRRdm4xeUpRS3RJRFpKTEVTODF2QT09>

Meeting ID: 991 0332 9080 Passcode: 396264

April 20 @ 3:30pm – 4:30pm

Speaker: Dr. Ivan Vitev (LANL)

Title: Jet production in e+A collisions at the EIC

April 27 @ 3:30pm - 4:30pm

Speaker: Dr. James Mulligan (LBNL)

Title: Jet substructure: from proton-proton to heavy-ion collisions

Nuclear Theory Seminar

Zoom: <https://lbnl.zoom.us/j/91941520781?pwd=S29FN2w1NElYcVhEbW56SnBFN1lzZz09>

Meeting ID: 919 4152 0781 Passcode: 596153

April 21 @ 1:00pm – 2:00pm

Speaker: Davide Basilico (University of Milan and INFN)

Title: First detection of solar neutrinos from CNO cycle with the Borexino detector

April 28 @ 1:00pm – 2:00pm

Speaker: Andrey Tarasov (OSU)

Title: TBD

INPA Seminar

April 23 @ 12:00pm - 1:00pm

Speaker: Eric Hansen (UC Berkeley)

Title: Progress on the search for $2\nu\beta\beta$ of ^{130}Te to excited states of ^{130}Xe with CUORE

Zoom: <https://lbnl.zoom.us/j/95917081698?pwd=SGcrNENWeEpHMUZXRHoyZy82a2Z3QT09>

Meeting ID: 959 1708 1698 Passcode: 367723

Upcoming Events

Physics RPMs

April 20 @ 12:00pm – 1:00pm

Speaker: Alberto Lusiani (INFN)

Title: Muon magnetic anomaly measurement to 0.46 ppm at FNAL

Zoom: <https://lbnl.zoom.us/j/95906405235>

Meeting ID: 959 0640 5235

April 22 @ 4:00pm – 5:00pm

Speaker: Michael Peskin (SLAC)

Title: A Gamma-Gamma Collider for Multi-10-TeV Physics

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

Meeting ID: 917 8226 8585

April 29 @ 4:00pm - 5:00pm

Speaker: Martin Savage (UW)

Title: TBA

NSD/PD Joint Seminar

April 27 @ 10:30am – 12:30pm

10:30am Kalman Szabo - recent BMW determination of hadronic vacuum polarization (HVP) from lattice QCD

11:00am Martin Hoferichter - dispersive determination of HVP and global electroweak tension

11:30am-12:30pm Panel discussion

UC Nuclear Engineering Colloquium

April 30 @ 3:00pm – 4:00pm

Speaker: Kazuma Obara (photojournalist)

Title: Individual Stories behind Fukushima Nuclear Tragedy

Zoom: <https://lbnl.zoom.us/j/95906405235>

Meeting ID: 959 0640 5235

*LBNL Director's Awards for Exceptional Achievement and The Berkeley Lab
Prize-Lifetime Achievement Awards 2021*

Website: <http://recognition.lbl.gov/>

Dates: April 1 - May 31, 2021

NSD level1 sent on Mar. 18

DOE NP FOA: DE-FOA-0002490

Data Analytics for Autonomous Optimization and Control of Accelerators and Detectors

Deadline: April 30, 2021

NSD level1 sent on Mar. 22

DOE FOA-LAB-21-2491

Microelectronics Co-design Research

Deadline for Lol: April 21, 2021

Deadline for Proposal: May 19, 2021

NSD level1 sent on Mar. 24

Director's Review of Nuclear Science Division: June 2-4, 2021

Next Staff Meeting

Next NSD Staff Meeting: May 4, 12pm

NSD Staff Meeting

Tuesday 4 May 2021, 12:00 → 13:00 US/Pacific

Description Zoom Meeting <https://lbl.zoom.us/j/792948648>

Meeting ID: 792 948 648 Password: 334258

Find your local number: <https://lbl.zoom.us/u/aceAbJt04R>

12:00 → 12:05 **Announcement**

Speakers: Mateusz Ploskon, Xin Dong

5m

12:05 → 12:15 **Safety**

Speaker: Jeff Bramble (NSD)

10m

12:15 → 12:30 **Diversity, Equity and Inclusion**

Speakers: Ernst Sichtermann, Heather Crawford, Mark Bandstra, Tom Gallant (LBNL)

15m

12:30 → 12:50 **0vββ Search Results from One Ton-Year of CUORE Data**

Speaker: Roger Huang

20m

Scientific contributions: please contact

Xin Dong (xdong@lbl.gov) or Mateusz Ploskon (mploskon@lbl.gov)