

NSD Staff Meeting



Tuesday 10 Mar 2020, 12:00 → 13:00 US/Pacific

Building 50 - Auditorium (LBL-Hill)

TODAY

12:00 → 12:05 **Announcements**

🕒 5m



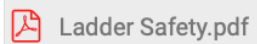
Speaker: Mateusz Ploskon

12:05 → 12:15 **Safety**

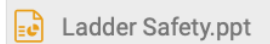
🕒 10m



Speaker: Jeff Bramble (NSD)



Ladder Safety.pdf



Ladder Safety.ppt

12:15 → 12:25 **Diversity, Equity, and Inclusion**

🕒 10m



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

12:25 → 13:00 **Science Talk: Fun with Adiabatic Quantum Computing**

🕒 35m



The increasing interest and efforts put forth towards the development of quantum computing have led to a shift in how one goes about tackling problems that are typically thought of as difficult. In this talk I will discuss a specific paradigm of quantum computing called adiabatic quantum computing, and narrow the scope to discuss what is known as quantum annealing. In particular, the first part of the talk will be devoted to carefully discussing what quantum annealing is, and its connection with adiabatic quantum computing. I will follow by discussing the scope of problems that quantum annealers can hope to solve, including examples of explicit applications. I will end the talk by discussing on-going work on developing classical solvers that rival quantum annealers, and the role that adiabatic quantum computers may play in the future.

Speaker: Chia Cheng Chang

Next Meeting: 24th of March 2020

LDRD - Reminder from (NSD Staff Meeting 14 January)

<https://conferences.lbl.gov/event/225/>

LDRD - Key Dates

- **Now - 2/14:** PIs discuss ideas with Program Heads; schedule appointments with Brad Jacobs to discuss budget
- **2/20** (12pm Wang Hall 3101)
 - 5-slide, 10-min idea presentations
 - initial feedback from Division

NEXT

- **3/11** (9am 50A-5132): LDRD proposal presentations
- **3/21:** NSD deadline for proposal submission to online system
- **3/23** (Monday): Lab locks the submission website

Upcoming events

HIT - Wenqing Fan (Stonybrook)

Wednesday, March 11. 2:00-3:30pm in Bldg. 70A-3377

RPM - Keisuke Harigaya (IAS)

“Physics beyond the standard model from Higgs Parity”

March 10 @ 4:00 pm - 5:00 pm, 50A-5132

RPM - Ka Vang Tsang (SLAC)

“Imaging Neutrinos: Machine Learning in LArTPC”

March 12 @ 4:00 pm - 5:00 pm, 50A-5132

RPM - Daniel Ruterbories (Rochester U)

“Electroweak Probes of the Nucleus and the Era of Precision Neutrino Physics”

March 17 @ 4:00 pm - 5:00 pm, 50A-5132

UCB - CONDENSED MATTER PHYSICS SEMINARS

Monday, March 16, 2020 - 2:30pm

TBD

UCB - PHYSICS COLLOQUIA - EVENT CANCELLED

"Physics for maggots"

Bill Bialek

MAR 16, 2020

Upcoming events

UCB - Nuclear Engineering

Youngho Seo, (Bakar Computational Health Sciences Institute & UCSF)

"Smart Use of Ionizing Radiation in Biomedical Imaging"

March 16 @ 4:00 pm - 5:00 pm

3105 Etcheverry Hall

UCB - Nuclear Engineering

Bethany Goldblum (Nuclear Engineering UCB)

"Nuclear Science for National Security Applications"

March 17 @ 2:00 pm - 3:00 pm

3110 Etcheverry Hall

UCB - Nuclear Engineering

Lee Bernstein (Nuclear Data Group Leader and LBNL & UC-Berkeley)

"Nuclear Data from Baghdad to Berkeley – Playing with the BAND"

March 19 @ 11:00 am - 12:00 pm

3110 Etcheverry Hall

UCB - Nuclear Engineering

Tomi Akindele (Livermore)

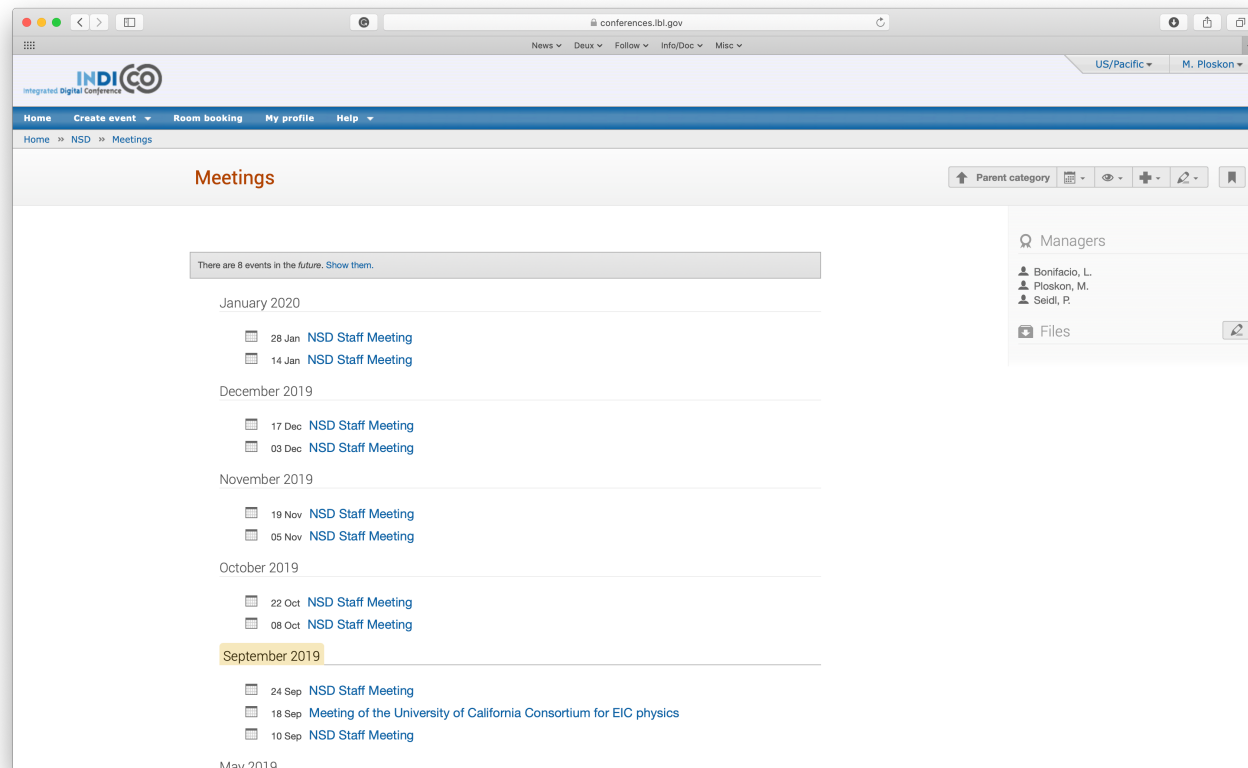
A Study of [Anti-Neutrino]: Neutral Particles Emitted from Fission

March 20 @ 11:00 am - 12:00 pm

3110 Etcheverry Hall

Next Meeting: 24th of March

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



May 2020

-  19 May [NSD Staff Meeting](#)
-  05 May [NSD Staff Meeting](#)

April 2020

-  21 Apr [NSD Staff Meeting](#)
-  07 Apr [NSD Staff Meeting](#)

March 2020

-  24 Mar [NSD Staff Meeting](#)
-  10 Mar [NSD Staff Meeting](#)

February 2020

-  25 Feb [NSD Staff Meeting](#)
-  11 Feb [NSD Staff Meeting](#)