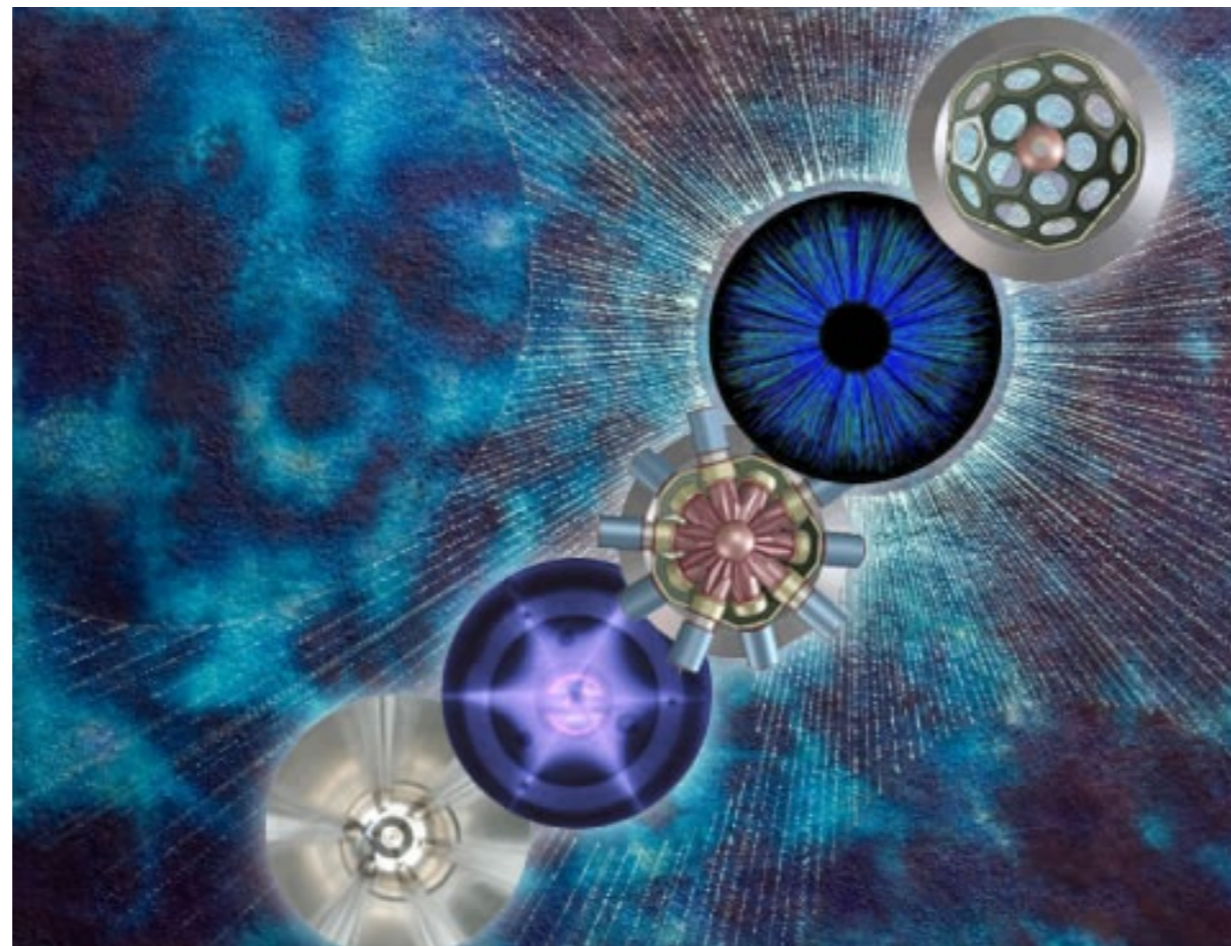# Nuclear Science Division Staff Meeting - 8/25/2020

Agenda

NSD Staff Meeting

📅 Tuesday 25 Aug 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 **Safety** ⏰ 10m

Speaker: Jeff Bramble (NSD)

12:15 → 12:25 **Diversity, Equity, and Inclusion** ⏰ 10m

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

12:25 → 13:00 **Closing in on sensors with Cryogenic CMOS** ⏰ 35m

Speaker: Yuan Mei

Upcoming Events

Nuclear Theory Seminar
September 2 @ 1pm – 2pm
Speaker: Jennifer Rittenhouse West (LBNL&EIC-Center@JLab)
Title: Diquarks and Dark Matter
Zoom link: https://lbnl.zoom.us/j/96308117060

UC Nuclear Engineering Colloquium
August 31 @ 4pm – 5pm
Speaker: Kurt Terrani (ORNL)
Title: The Transformational Challenge Reactor
Zoom link: https://berkeley.zoom.us/j/91568655249

IDEA INCLUSION DIVERSITY EQUITY ACCOUNTABILITY

Latest News

Celebrate the 100th Anniversary of the 19th Amendment

The Diversity of the Women's Suffrage Movement

Support For Those Impacted by Fires, Pandemic

Webinar on Communicating Across Cultures

Help Guide Scientific Adventures for Girls

Upcoming Events

Solo@Home – First Meet Up August 27, 2020

The Groove Lounge with DJ Miles Green – August 27

Employee Resource Groups Insights & Lessons Learned – August 28, 2020

Townhall: A Scientist's Primer on Mental Health – September 9, 2020

Live Science: What the Stars Tell Us – August 21, 2020

Deep Learning for Science School

Agenda: https://dl4sci-school.lbl.gov/agenda

Deep Learning for Science School

Webinar Series: July - September, 2020

Lawrence Berkeley National Laboratory, Berkeley, CA

Agenda

The webinar sessions will be held every **Thursday** at **9:30-11am Pacific Time** live on Zoom, 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). **First live seminar July 16.**

Jul 9	Intro Week	
Jul 16	A Shallow Introduction to Deep Learning with PyTorch	Evann Courdier (Idiap, EPFL)
Jul 23	A Modern Guide to Hyperparameter Optimization	Richard Liaw (AnyScale, UC Berkeley)
Jul 30	Deep Generative Models	Aditya Grover (Stanford University)
Aug 6	Reproducibility in Deep Learning	Koustuv Sinha (McGill University)
Aug 13	------ Break ------	
Aug 20	Uncertainty and Out-of-Distribution Robustness in Deep Learning	Balaji Lakshminarayanan (DeepMind), Jasper Snoek, Dusting Tran (Google Research)
Aug 27	How to Evaluate Efficient Deep Neural Network Approaches	Vivienne Sze (MIT)
Sep 3	Incorporating Symmetry in Neural Networks (title TBC)	Tess Smidt (Berkeley Lab)
Sep 10	Distributed Large Batch Training [multi-node, multi-gpu] (title TBC)	Swetha Mandava (Nvidia)
Sep 17	Attention models (title TBC)	Rami Alrfou (Google Research)
Sep 24	Solving PDEs using Neural Networks (title TBC)	Maziar Raissi (University of Colorado Boulder)
Sep 28	Posters week	All
Oct 1	Molecular Representations (title TBC)	Zachary Ulissi (Carnegie Mellon University)

Next Staff Meeting

Next NSD Staff Meeting: September 8, 12pm

NSD Staff Meeting

📅 Tuesday 8 Sep 2020, 12:00 → 13:15 US/Pacific

📍 LBL-Hill

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12:00 → 12:05	**Announcements**	🕐 5m
	Speakers: Mateusz Ploskon, Xin Dong	
12:05 → 12:15	**Safety**	🕐 10m
	Speaker: Jeff Bramble (NSD)	
12:15 → 12:25	**Diversity, Equity, and Inclusion**	🕐 10m
	Speakers: Ernst Sichtermann, Heather Crawford, Mark Bandstra, Tom Gallant (LBNL)	
12:25 → 13:00	**Science Talk: *working title* "Recent results on jets by ALICE"**	🕐 35m
	Speaker: James Mulligan	

Scientific contributions: please contact
Xin Dong (xdong@lbl.gov) or Mateusz Ploskon (mploskon@lbl.gov)