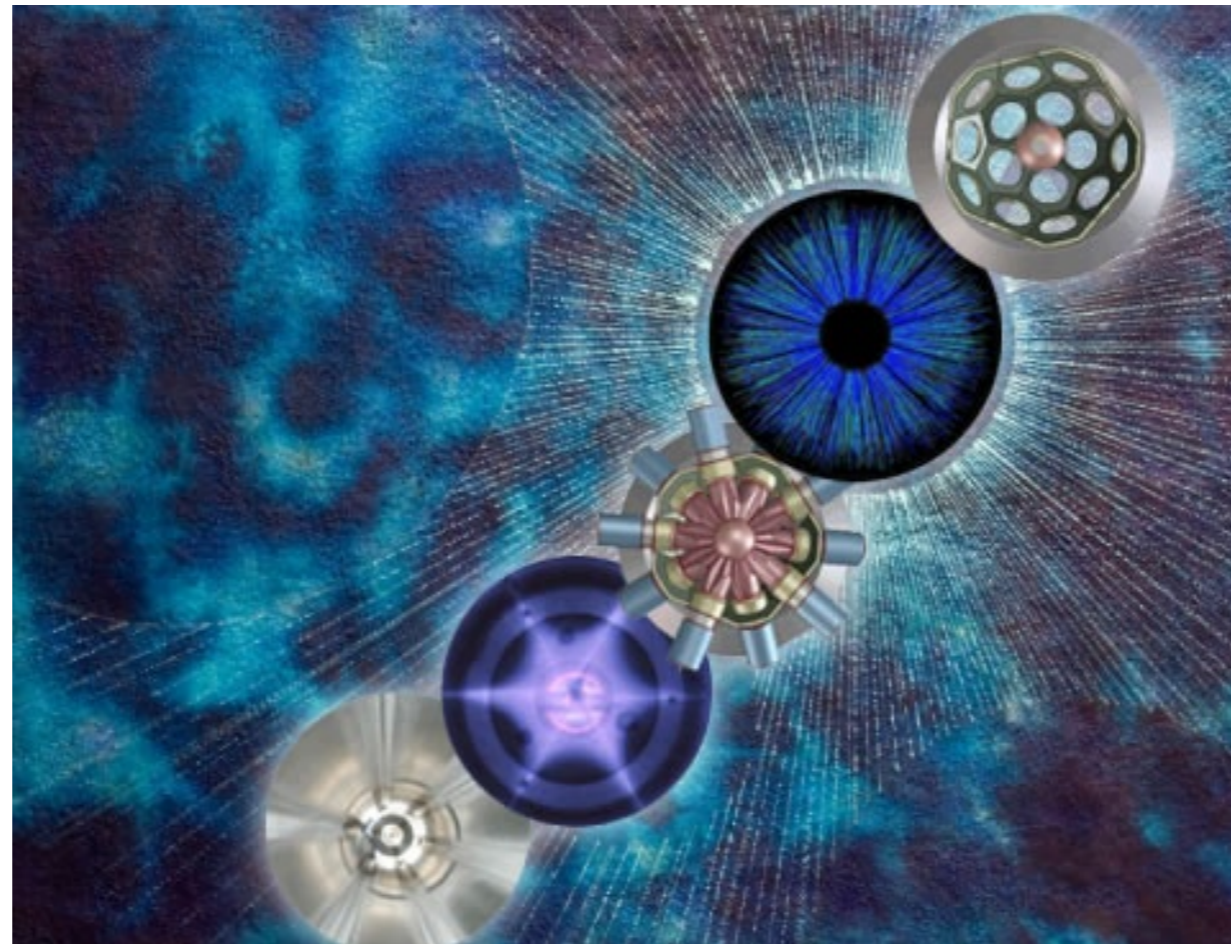


Nuclear Science Division Staff Meeting - 10/6/2020





NOBELPRISET I FYSIK 2020 THE NOBEL PRIZE IN PHYSICS 2020



Photo: Penrose Institute



Roger Penrose

"för upptäckten att bildandet av svarta hål är en robust förutsägelse av den allmänna relativitetsteorin"

"for the discovery that black hole formation is a robust prediction of general theory of relativity"

Univ. of Oxford

Photo: Max Planck Institute for Extraterrestrial Physics



Reinhard Genzel

"för upptäckten av ett supermassivt kompakt objekt i Vintergatans centrum"

"for the discovery of a supermassive compact object at the centre of our galaxy"

UCB / MPI, Germany

Photo: Christopher Dibble, UCLA



Andrea Ghez



UCLA

Agenda

NSD Staff Meeting



Tuesday 6 Oct 2020, 12:00 → 13:15 US/Pacific

LBL-Hill

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

12:00 → 12:05 **Announcements**

Speakers: Mateusz Ploskon, Xin Dong

⌚ 5m



12:05 → 12:15 **Safety**

Speaker: Jeff Bramble (NSD)

⌚ 10m



12:15 → 12:20 **Division Update**

Speakers: Alan Poon (Nuclear Science Division, Berkeley Lab), Barbara Jacak, Tom Gallant (LBNL)

⌚ 5m



12:20 → 12:30 **Diversity, Equity, and Inclusion - Wellness Resources**

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

⌚ 10m



12:30 → 13:05 **Science Talk: Transferability in multisource machine learning for nuclear applications**

Speaker: Bethany Goldblum

⌚ 35m



Upcoming Events

HIT

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

Meeting ID: 991 0332 9080 Passcode: 396264

October 8 @ 3:30am – 4:30pm

Speaker: Kaya Tatar (MIT)

Title: Jet modification measurements using electroweak boson tags at the LHC

October 15 @ 3:30am - 4:30pm

Speaker: J-F Paquet (Duke)

Title: Data driven constraints on QGP viscosities

INPA Seminar

October 9 @ 12:00pm – 1:00pm

Speaker: Scott Kravitz (LBNL)

Title: CrystaLiZe - Solid Xenon Detector R&D

Zoom: <https://us04web.zoom.us/j/76619726361?pwd=Q2NRUHkzK0NZYUtLUWJIK2dEUzVhQT09>

Meeting ID: 766 1972 6361 Passcode: 023744

October 16 @ 12:00pm – 1:00pm

Speaker: Kev Abazajian (UC Irvine)

Title: TBD

Nuclear Theory Seminar

October 7 @ 1:00pm – 2:00pm

Speaker: Kyle Lee (LBNL)

Title: Unlocking QCD dynamics using jet substructure

Zoom: <https://zoom.us/j/99216552618?pwd=LzJHdEt2OG1VamRwZ2U3bjJsU3JxUT09>

Meeting ID: 992 1655 2618 Passcode: 308279

Upcoming Events

Nuclear Theory Seminar

October 14 @ 1:00pm – 2:00pm

Speaker: Aaron Meyer (LBNL)

Title: TBD

Zoom: <https://zoom.us/j/93617057511?pwd=V0k0dTITb0k5UDJWS0hnQUFqeEtrQT09>

Meeting ID: 936 1705 7511 Passcode: BL8Ywp

Physics RPM

October 15 @ 4:00pm – 5:00pm

Speaker: Andrej Obuljen (Waterloo)

Title: TBD

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

UCB Nuclear Engineering Colloquium

October 12 @ 4:00pm – 5:00pm

Speaker: Carrie Nuva Josephi (Hopi)

Title: Restoring connection: evolution of engineered cover designs for abandoned legacy waste with respect to Indigenous People

UCB Physics Colloquium

October 12 @ 4:15pm

Speaker: Alexander Rudolphi (Cal State Polytechnic Univ.)

Title: Overcoming Barriers to Engagement of Underrepresented Students in STEM PhD Programs

Zoom: <https://berkeley.zoom.us/j/98621896490?pwd=L3JqTUhPTXRUTDB0R3IxWkFBWXZBUT09>

Meeting ID: 986 2189 6490 Passcode: 36213

October 19 @ 4:15pm

Speaker: Bradley Filippone (Caltech)

Title: Exploring Symmetry Violations with Free Neutrons



Latest News

WorkFit is Celebrating 'Exercise is Medicine' Month in October

Three Questions for Danila Ushizima

Teleworking Safety Tip

Three Questions for Asmita Patel

'Be Well at Work' October Wellness Events & Classes

Upcoming Events

WorkFit is Celebrating 'Exercise is Medicine' Month in October

Friday Live Science Event on Neuroscience – October 9, 2020

Director's Awards Laureates Announced – Event Nov. 12, 2020

October is LGBTQA+ History Month

Virtual Disability Inclusion Summit – October 21, 2020

ML/AI lab-wide communication/coordination committee seeks your input on your projects and ideas for the future – please fill out a survey at <https://forms.gle/EVt8BsX6ik9Vimx46> .

Let your project get known through <https://ml4sci.lbl.gov/projects>

Please contact Mateusz Ploskon mploskon@lbl.gov for details and/or additional discussion.

Thank you!

Next Staff Meeting

Next NSD Staff Meeting: October 20, 12pm

NSD Staff Meeting

Tuesday 20 Oct 2020, 12:00 → 13:15 US/Pacific

LBL-Hill

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	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: Open Quantum Systems - Towards partons in a QGP simulations on a quantum-computer	⌚ 35m	✎
Speakers: Felix Ringer (LBNL), James Mulligan				

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