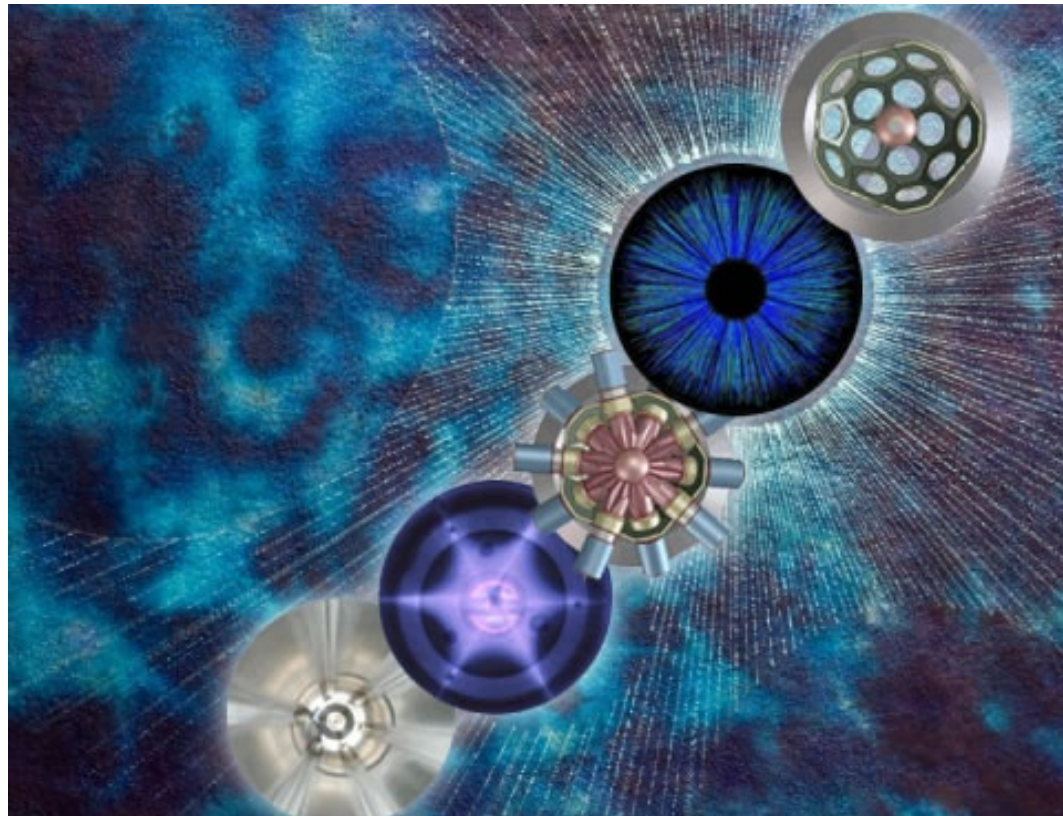


Nuclear Science Division Staff Meeting - 10/05/2021



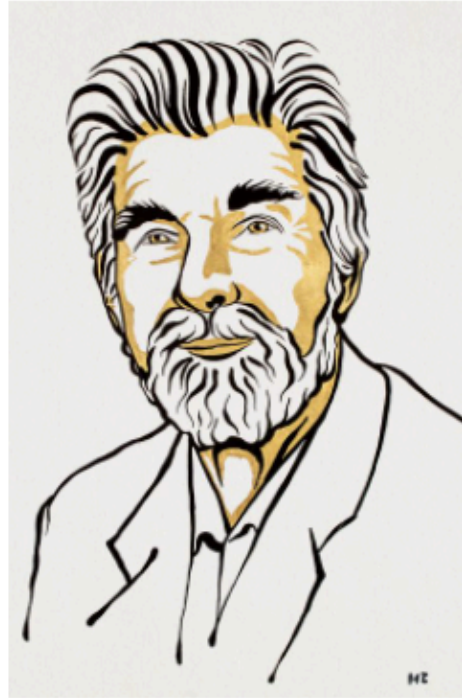
The Nobel Prize in Physics 2021



Ill. Niklas Elmehed © Nobel Prize Outreach

Syukuro Manabe

Prize share: 1/4



Ill. Niklas Elmehed © Nobel Prize Outreach

Klaus Hasselmann

Prize share: 1/4



Ill. Niklas Elmehed © Nobel Prize Outreach

Giorgio Parisi

Prize share: 1/2

The Nobel Prize in Physics 2021 was awarded "for groundbreaking contributions to our understanding of complex systems" with one half jointly to Syukuro Manabe and Klaus Hasselmann "for the physical modelling of Earth's climate, quantifying variability and reliably predicting global warming" and the other half to Giorgio Parisi "for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales."

Agenda

NSD Staff Meeting



Tuesday 5 Oct 2021, 12:00 → 13:00 US/Pacific

Description Zoom Meeting <https://lbnl.zoom.us/j/792948648?pwd=RGNFZ1NXR2VQRVlpalhGUhRaQmNMdz09>

Meeting ID: 792 948 648 Password: 334258

Find your local number: <https://lbnl.zoom.us/j/792948648?pwd=RGNFZ1NXR2VQRVlpalhGUhRaQmNMdz09>

12:00 → 12:05 **Announcement**

🕒 5m



Speakers: Mateusz Ploskon, Xin Dong

12:05 → 12:15 **Safety**

🕒 10m



Speaker: Jeff Bramble (NSD)

Updates-26.pdf

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

🕒 15m



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

12:30 → 12:50 **Determining urban material activities with a vehicle-based multi-sensor system**

🕒 20m



Speaker: Marco Salathe

Upcoming Events - I

HIT Seminar

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

Meeting ID: 991 0332 9080 Passcode: 396264

Oct. 5 @ 3:30pm - 4:30pm

Speaker: Prof. Miguel Arratia (UC Riverside)

Title: A new EIC pathfinder program with HERA data: Jet-based TMD measurements with machine-learning unfolding

Nuclear Theory Seminar

Zoom: <https://lbnl.zoom.us/j/91941520781?pwd=S29FN2w1NElycVhEbW56SnBFN1lzZz09>

Meeting ID: 919 4152 0781 Passcode: 596153

Oct. 6 @ 1:00pm – 2:00pm

Speaker: Andrew Larkoski (SLAC)

Title: A Large-N Expansion for Minimum Bias

Oct. 13 @ 1:00pm - 2:00pm

Speaker: John Terry (UCLA)

Title: TBA

INPA Seminar

Oct. 8 @ 12:00pm – 1:00pm

Speaker: Kevin Thieme (University of Zurich)

Title: A Measurement of the Mean Electronic Excitation Energy of Liquid Xenon

Zoom: <https://lbnl.zoom.us/j/93376704948?pwd=ZnJsMzhOcmFqc1hnWTZZbmEzeHhSZz09>

Meeting ID: 933 7670 4948 Passcode: 373301

Upcoming Events - II

UCB Physics Colloquia

<https://physics.berkeley.edu/news-events/events/20210920/fall-2021-colloquia-schedule>

Oct. 11 @ 4:15pm - 5:15pm

Speaker: Heather Gray (UCB)

Title: The Art of the Impossible: Probing Challenging Higgs Channels at the LHC

Machine Learning for Fundamental Physics

Weekly Thursdays 1:00pm (started Sept. 16)

<https://www.physics.lbl.gov/machinelearning/group-meetings/>

Zoom: <https://lbnl.zoom.us/j/96063123077>

Contact: Ben Nachman (bpnachman@lbl.gov) to get involved or mploskon@lbl.gov for more info

Berkeley Machine Learning and Science Forum

Bi-weekly Mondays 11:00am (started Sept. 13)

<https://bids.github.io/MLStatsForum/>

NERSC AI for Science Bootcamp

October 19-20, 2021

<https://www.nersc.gov/users/training/events/nersc-ai-for-science-bootcamp-october-19-20-2021/>

Next Staff Meeting

Next NSD Staff Meeting: Oct. 19, 12pm

NSD Staff Meeting

Tuesday 19 Oct 2021, 12:00 → 13:00 US/Pacific

Description Zoom Meeting <https://lbnl.zoom.us/j/792948648?pwd=RGNFZ1NXR2VQRVlpalhGUnRaQmNMdz09>

Meeting ID: 792 948 648 Password: 334258

Find your local number: [https://lbnl.zoom.us/u/aceAbJt04R](https://lbnl.zoom.us/j/792948648?pwd=RGNFZ1NXR2VQRVlpalhGUnRaQmNMdz09)

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 **Nuclear Data Activities on Fission Yields at LBNL**

Speaker: Eric Matthews

⌚ 20m

Scientific contributions: please contact

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