

# NSD Staff Meeting



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

📍 LBL-Hill

# TODAY

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

Speakers: Mateusz Ploskon, Xin Dong

🕒 5m



12:05

→ 12:15

## Safety

Speaker: Jeff Bramble (NSD)

🕒 10m



12:15

→ 12:25

## Diversity, Equity, and Inclusion

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

🕒 10m



12:25

→ 13:00

## Science Talk: Open Quantum Systems - Towards simulations of partons in a QGP on a quantum computer

Speakers: Felix Ringer (LBNL), James Mulligan

🕒 35m



Berkeley20\_FRinger...

# Next Meeting: 3<sup>rd</sup> of November 2020

# Upcoming events

**HIT** <https://sites.google.com/a/lbl.gov/relativistic-nuclear-collisions/home/rnc-current-events/hit-seminar>

## **HIT – 10/22 THURSDAY 3:30PM**

Feng Yuan (LBNL, Nuclear Science)

Anisotropy in Dijet Production in Exclusive and Inclusive Processes at the EIC

<https://lbl.zoom.us/j/99103329080?pwd=ZmRRdm4xeUpRS3RJRfKTEVTO DF2QT09>

note: originally announced for 10/20 TUESDAY 3:30PM

## **HIT – 10/27 TUESDAY 3:30PM**

Benjamin Nachman (LBNL, Physics division)

Simulation-based and label-free deep learning for fundamental physics

**INPA SEMINARS** <https://inpa.lbl.gov/events/>

## **VIRTUAL INPA SEMINAR – October 23 @ 12:00 pm - 1:00 pm**

Speaker: Sukanya Chakrabarti (Rochester Institute Technology)

Title: Measuring Accelerations— Near & Far

<https://lbl.zoom.us/j/93826947056?pwd=Q3hGOVpBSVhQcDZqS2plaitYQV B6dz09>

Meeting ID: 938 2694 7056

Passcode: 123733

**Nuclear Theory** <https://nt.lbl.gov/>

## **NT Seminar – Wednesday, October 21 1:00pm**

Ben Hoerz (LBNL)

"Nucleon-nucleon scattering at large pion mass from lattice QCD"

<https://lbl.zoom.us/j/94581588040?pwd=cXF1MVNIS21jQWdscmd5OFFJaHIIU T09>

**RPM** <https://rpm.physics.lbl.gov/events/list/?tribe-bar-date=today>

## **RPM – October 22 @ 4:00 pm - 5:00 pm**

Simone Pagan-Griso (LBNL)

"The Future of the Energy Frontier: Highlights from the Snowmass 2021 Process"

<https://lbl.zoom.us/j/91782268585>

## **RPM – October 27 @ 4:00 pm - 5:00 pm**

Hannsörg Weber (FNAL) "Triple Threat: The Observation of Tribosons "

<https://lbl.zoom.us/j/95906405235>

## **RPM – October 29 @ 12:00 pm - 5:00 pm**

Donatella Lucchesi (INFN) "TBA"

# Upcoming events

UCB Physics (<https://physics.berkeley.edu/events#All>)

FALL 2020 UCB PHYSICS COLLOQUIA: <https://physics.berkeley.edu/news-events/events/20200907/fall-2020-colloquia-schedule>

**PLEASE NOTE: Zoom links will be posted on the day of each event.**

Colloquia and Videos page: <https://physics.berkeley.edu/resources/colloquia-and-videos>

## **UCB PHYSICS – October 26, 4:15 pm**

Phiala Shanahan, MIT

Proton and nuclear structure from the Standard Model

<https://physics.berkeley.edu/news-events/events/20201026/proton-and-nuclear-structure-from-the-standard-model>

## **UCB PHYSICS – November 2, 4:15 pm**

Marcelle Soares-Santos, University of Sao Paulo

Title/Abstract To Come

## **UCB Condensed Matter Physics And Materials Science – Monday, October 26, 2020 - 2:30pm**

Alpha T. N'Diaye (Advanced Light Source, Lawrence Berkeley National Lab)

FLIP THE SWITCH: CONTROLLING THE SPIN CROSSOVER TRANSITION IN AN FE<sup>2+</sup> ORGANIC MOLECULE THIN FILM THROUGH INTERFACE ENGINEERING

Zoom Meeting: <https://berkeley.zoom.us/j/3680547136?pwd=LzdPSW1qY2xJd1VyWmFZSU50SW8rZz09> (The password is UCB)

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](mailto:mploskon@lbl.gov) for details and/or additional discussion.

Thank you!

# QUANTUM INFORMATION SYSTEMS COLLOQUIUM

The Advanced Quantum Testbed Team Presents

**“From circuits to applications: exploring the value of quantum computing”**

Dr. Zaira Nazario, Theory and Applications Technical Lead at IBM Quantum

DATE: Thursday, October 22, 2020

TIME: 3:00 p.m.

LOCATION: Zoom

[ibnl.zoom.us/j/91141658752](https://ibnl.zoom.us/j/91141658752) (ID: 91141658752)

## ABSTRACT

Pending

## Bio

Zaira Nazario is the Theory and Applications Technical Lead at IBM Quantum. Prior to joining IBM's quantum theory team, she served as a scientific consultant to DARPA and IARPA, advising on strategic technological investments focused on quantum information technologies and advanced navigation, communication, computation and sensing technologies.

Dr. Nazario worked shaping science policy at the U.S. Department of State, where she also launched and managed R&D programs in biological, chemical, and nuclear safety and security. She held an appointment at the Max Planck Institute for the Physics of Complex Systems in Dresden, Germany, investigating quantum criticality and emergent physics in condensed matter systems. She earned her Ph.D. in theoretical condensed matter physics from Stanford University, where she focused on quantum phase transitions and uncovering the physics of strongly correlated systems, including superconductivity.



Bay Area  
**SCIENCE**  
FESTIVAL



Year Anniversary  
OCTOBER 21-25, 2020

## BERKELEY SPS PRESENTS 2 BASF EVENTS

Wednesday, October 21, 2020 to Friday, October 23, 2020



In collaboration with the UC Berkeley Pyle Group and SuperCDMS, The Society of Physics Students is excited to present two fun virtual events as part of the 2020 Bay Area Science Festival. These events are free, interactive, and family-friendly!

### **SuperCryogenic Dark Matter Lab Tour**

Wednesday, October 21, 6:00 – 7:00 pm

### **Squishy Circuits**

Friday, October 23, 5:00 – 6:00 pm

[Visit the Berkeley SPS website for details.](#)

Visit the Bay Area Science Festival website for [a full list of events, from October 21 to October 25.](#)

Location:

Virtual



## Latest News

[Call for Career Talk Panelists](#)

[Inclusive Recreation & Fitness](#)

[Three Questions for Blanca Bocobo](#)

[Lab Launches New Website with Collaboration Tools: Work Together](#)

[Find Your Words – A Mental Health Resource from Kaiser](#)

## Upcoming Events

[10-Minute Morning Stretch Breaks – 9:30 am Monday – Friday](#)

[7th Annual Veterans Appreciation Event – November 13, 2020](#)

[Be Well at Work – Mindful Parenting Workshop – October 20, 2020](#)

[Wellness Webinar: Stress and Stress Management – October 14, 2020](#)

[WSEC/All-ERG Brown Bag – Mocktail Halloween Party – Oct. 13, 2020](#)

## Calendar of Events

### Tuesday, October 20

9:30am [Morning 10-Minute Stretch Brea](#)

12:30pm [RunAround Prep: Get Moving! \](#)

1:00pm [Be Well at Work – Mindful Parer](#)

1:00pm [Staff Wellness Workshop: Settin](#)

### Wednesday, October 21

8:00am [National Business & Disability C](#)

9:30am [Morning 10-Minute Stretch Brea](#)

11:00am [Parents Network Monthly Browr](#)

### Thursday, October 22

9:30am [Morning 10-Minute Stretch Brea](#)

12:30pm [RunAround Prep: Advanced Rui](#)

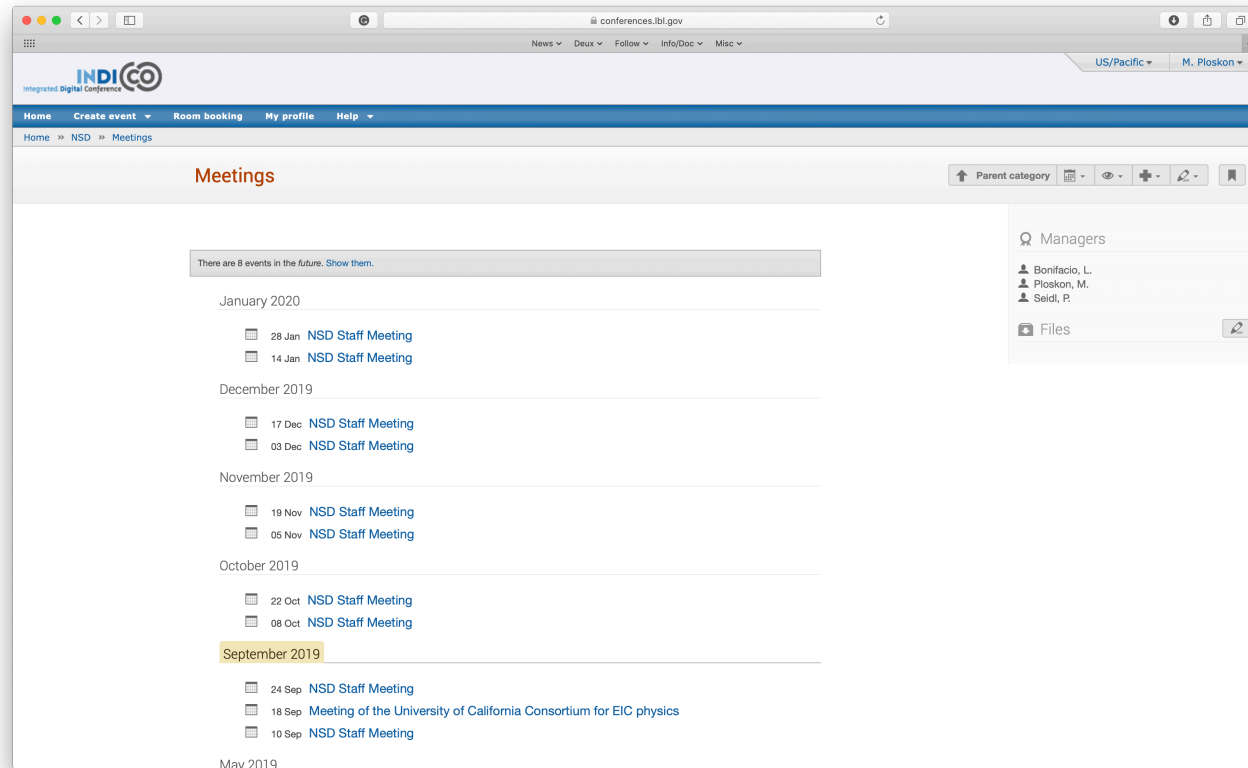
2:00pm [Solo@Home Meet Up](#)

5:30pm [Lambda Game Night](#)



# Next Meeting: 3<sup>rd</sup> of November

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



## December 2020

-  15 Dec NSD Staff Meeting
-  01 Dec NSD Staff Meeting

## November 2020

-  17 Nov NSD Staff Meeting
-  03 Nov NSD Staff Meeting

## October 2020

-  20 Oct NSD Staff Meeting
-  06 Oct NSD Staff Meeting

## September 2020

-  22 Sep NSD Staff Meeting
-  08 Sep NSD Staff Meeting