

## Next Meeting: 2<sup>nd</sup> of June 2020

# Upcoming events

#### Interdisciplinary Instrumentation Colloquium

Corie Ralston (LBNL) "Development of the method of X-ray footprinting at the Advanced Light Source" Wednesday 27 May 2020, 12:00  $\rightarrow$  13:00 US/Pacific <u>https://lbnl.zoom.us/j/92252364575</u>

#### **Nuclear Theory Seminar**

Weiyao Ke (Duke) "Jet properties in heavy-ion collisions from a transport model perspective" Wed, May 20, 1pm – 2pm <u>https://lbnl.zoom.us/j/96517937342</u>

#### Physics Division RPM (events link)

- May 19 Alexander Stibor (LBNL) "QIS with Coherent Electrons: Quantum Sensors, Superconducting Emitters, Signal Transmission and Decoherence Studies"
  - 4:00 pm 5:00 pm, <u>https://lbnl.zoom.us/j/94679537616</u>
- May 21 Alex Kim (TBA)
- May 26 Daniel Carney (U. Maryland) "Fundamental Physics at the Quantum Limits of Measurement
  - 4:00 pm 5:00 pm, <u>https://lbnl.zoom.us/j/96617590466</u>
- May 28 Julian Borrill (TBA)

# NSD Colloquium



#### https://sites.google.com/lbl.gov/nsdcolloquium/home

#### Tues. 2020.05.26, 2:00 PM, Virtual Zoom Colloquium

Dr. John Arrington, Physics Division, Argonne National Laboratory

https://www.anl.gov/profile/john-r-arrington

#### **Nuclei at the Extremes**

Nuclei form the core of matter, but their description in terms of their fundamental constituents - quarks and gluons - remains elusive. The Jefferson Lab program has provided key insight into nuclear structure at extreme energy and density scales. A connection between high-density configurations and the quark structure of nuclei has raised significant questions about the modification of protons and neutrons within nuclei with potential impact on our understanding of neutron stars, neutron structure, and a range of high-energy e-A, nu-A, and A-A scattering measurements.

I will summarize our current understanding based on electron scattering measurements, highlight the impact of these studies and key outstanding questions, and discuss future measurements making use of the Jefferson Lab energy upgrade and the future Electron-Ion Collider.

### Coffee and cookies will hopefully be part of the colloquium again soon!

## DEA INCLUSION DIVERSITY EQUITY ACCOUNTABILITY

https://diversity.lbl.gov

Home	IDEA	IDEAs in Action	n Who We Are	Programs	News 8	k Events	Contact Us	Search
Latest	News		Upcoming Events Calendar of Events				vents	
Asian Pacific American Heritage Month: Celebrate at Home			Wellness in the New Normal Program – May 26, 2020			Tuesday, May 19		
						9:30am	Morning 10-Mir	ute Stretch Breal
						11:00am	The STEM Fut	ire is Female - S
Mental Health Awareness Month: Employee Assistance Program Presentations			Berkeley Lab's Third Virtual Open Mic – May 15, 2020		1ic –	2:00pm	IDEA Culture W	orking Group
						Wednesday, May 20		
			IDEA Brown Bagy Eastering			9:30am	Morning 10-Mir	ute Stretch Breal
Mental Health Awareness Month: Balance Body & Mind – Join UCB's			IDEA Brown Bag: Fostering Psychological Safety during Times of Crisis – May 14, 2020		of	12:00pm	AAERG All Me	nber Meeting
						12:00pm	Mid-Day Mindfu	Iness Break (Zoc
WorkFit Classes!						1:00pm	Mindful Momen	ts from Be Well a
			Berkeley Lab's first-ever Virtual Dance		nce	Thursday, May 21		
	Mental Health Awareness Month: Talking to kids about mental health, relaxation		Party – May 6, 2020			9:30am	Morning 10-Mir	ute Stretch Breal
tips, simple			Parents Network Monthly Brown Bag	as	11:00am	Onboarding Wo	rking Group Mon	
			Parents Network Monthly Brown Bags			Friday, May 22		
Mental Health Awareness Month: The science-backed answer to how to be happy in quarantine						9:30am	Morning 10-Mir	ute Stretch Breal
							-	GoogleCalendar

## Next Meeting: 2<sup>nd</sup> of June

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

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				Ω Managers
	There are 8 events in the <i>future</i> . Show them. January 2020			<ul> <li>▲ Bonifacio, L.</li> <li>▲ Ploskon, M.</li> <li>▲ Seidl, P.</li> </ul>
	28 Jan NSD Staff Meeting     14 Jan NSD Staff Meeting December 2019			E Files
	<ul> <li>17 Dec NSD Staff Meeting</li> <li>03 Dec NSD Staff Meeting</li> <li>November 2019</li> </ul>			
	19 Nov NSD Staff Meeting     05 Nov NSD Staff Meeting October 2019			
	22 Oct NSD Staff Meeting 08 Oct NSD Staff Meeting			
	September 2019			
	24 Sep       NSD Staff Meeting         18 Sep       Meeting of the University of C         10 Sep       NSD Staff Meeting	alifornia Consortium for EIC physics		
	May 2019			

