

## Board on Physics and Astronomy - Fall 2023 Meeting

November 8-9, 2023

### Hybrid Meeting

In Person at Beckman Center, 100 Academy, Corotis Family Collaboratory Room, Irvine, CA 92617

Online via Zoom and Livestream

ALL TIMES PACIFIC

### WEDNESDAY, NOVEMBER 8, 2023

#### OPEN SESSION

Livestream Link: <https://vimeo.com/event/3785029>

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10:00 AM	<b>Welcome and Introductions</b>	<b>Dr. Andy Lankford</b> BPA Chair
10:00 AM	<b>DOE SC Update</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. Harriet Kung</b> Deputy Director for Science Programs, DOE SC
11:00 AM	Break (10 minutes)	
11:10 AM	<b>NSF MPS PHY Update</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. Jean Cottam</b> Acting PHY Division Director, NSF
12:10 PM	Lunch Break (60 minutes)	
1:10 PM	<b>AI for Science, Energy, and Security</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. Rick Stevens</b> Associate Laboratory Director, ANL CELS
2:10 PM	Break (10 minutes)	
2:20 PM	<b>Presentation from NIST on Activities in the Physical Sciences</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. Charles H. Romine</b> Associate Director NIST Laboratory Programs
3:20 PM	Break (10 minutes)	
3:30 PM	<b>Update from NSF Polar Programs</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. James Ulvestad</b> Acting Office Director, NSF OPP
4:30 PM	Meeting Adjourns to Executive Session	

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**THURSDAY, NOVEMBER 9, 2023**

**OPEN SESSION**

Livestream Link: <https://vimeo.com/event/3785040>

**CLICK HERE TO JOIN**

<b>10:00 AM</b>	<b>Welcome and Introductions</b>	<b>Dr. Jill Dahlburg</b> BPA Chair
<b>10:00 AM</b>	<b>CMMRC Update</b> <i>(15-minute presentation &amp; 15-minute discussion period)</i>	<b>Dr. Raymundo Arroyave</b> Member, CMMRC
<b>10:30 AM</b>	<b>CAA Update</b> <i>(15-minute presentation &amp; 15-minute discussion period)</i>	<b>Dr. Chris McKee &amp; Dr. Alycia Weinberger</b> Co-Chairs, CAA
<b>11:00 AM</b>	<b>CORF Update</b> <i>(15-minute presentation &amp; 15-minute discussion period)</i>	<b>Dr. Nathaniel Livesey</b> Chair, CORF
11:30 AM	Break (15 minutes)	
<b>11:45 AM</b>	<b>Fermilab's Muon g-2 Experiment</b> <i>(30-minute presentation &amp; 30-minute discussion period)</i>	<b>Dr. Graziano Venanzoni &amp; Dr. Peter Winter</b> Co-Spokespersons, Muon g-2 Collaboration
12:45 PM	Lunch Break (60 minutes)	
<b>1:45 PM</b>	<b>International Benchmarking Reports: International Collaboration &amp; Competition</b> <i>(15-minute presentations &amp; 30-minute discussion period)</i> <b>Panelists:</b> <b>Dr. Cynthia Friend</b> Chair, BESAC Subcommittee <b>Dr. Patricia McBride &amp; Dr. Bonnie Fleming</b> Co-Chairs, HEPAP Subpanel <b>Dr. Dave Humphreys</b> Chair, FESAC Subpanel <b>Dr. Maureen McCann</b> Co-Chair, BERAC Subcommittee	<b>Dr. Andy Lankford</b> Distinguished Professor University of California, Irvine
3:15 PM	Break (15 minutes)	
<b>3:30 PM</b>	<b>Jiangmen Underground Neutrino Observatory (JUNO)</b> <i>(15-minute presentation &amp; 15-minute discussion period)</i>	<b>Dr. Yifang Wang</b> JUNO spokesperson
4:00 PM	Meeting Adjourns to Executive Session	