

Board on Physics and Astronomy Meeting

Fall Meeting – November 2-3, 2017

**Beckman Center
100 Academy Drive
UC Irvine**

Thursday, November 2, 2017

8:00 am	Depart from Hotel Breakfast , Beckman Center	
8:30	Convene Welcome, Introduction of New Members, Review of Agenda	
8:35	B&C Discussion (cont'd)	
9:00	Electron Ion Collider Science Assessment	*Gordon Baym, University of Illinois at Urbana-Champaign (via Webex)
9:20	Committee on Astronomy and Astrophysics Update, Astro2020 Background	David Lang, *Steve Ritz
10:15	Break	
OPEN SESSION Joint Meeting with the Space Studies Board Planning for Astro 2020		
10:30	Introduction to the Discussion	Fiona Harrison, SSB Chair Avi Loeb, BPA Vice Chair
10:40	Planning activities of the CAA and “Consultation Group”	Steve Ritz, CAA Co-Chair (Marcia Rieke, CAA by Webex)
11:10	Outline of Preparing Crosscutting Topics: Astrobiology and Exoplanet Studies	Michael Moloney, SSB Dir.
11:20	Discussion	All
11:55	Summary and Closing Remarks	Fiona Harrison, SSB Chair Avi Loeb, BPA Vice Chair
12:00 pm	Lunch	
1:00	Condensed Matter and Materials Research Update	*Susan Coppersmith, University of Wisconsin (via Webex)
1:30	Materials Research Decadal Survey Update	*Laura Greene, Florida State University
2:00	Plasma Science Committee Update	*Bill Dorland, University of Maryland

2:30	Break	
3:00	Science Talk	*Wendy Freedman, University of Chicago
3:45	Burning Plasma Research Study Update	*Michael Mauel, Columbia University
4:30	General Discussion	
6:00	Dinner	
8:00	Adjourn	

Portions of the meeting with attendance limited to Board Members, committee members, and staff are shaded.

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Friday, November 3, 2017

8:00 am	Depart Fairmont Hotel Breakfast, Beckman Center	
8:45	Private foundation support of physical sciences, engagement with the National Academies	Panel: Remarks (10 min/each) + discussion *Marc Kastner, Science Philanthropy Alliance *Pete Worden, Breakthrough Prize *Bob Kirshner, Moore Foundation *Cyndi Atherton, Heising-Simons Foundation
10:15	Break	
10:30	Updates on Physics Decadal Surveys	Staff, All
11:15	Planning for Elementary Particle Physics Decadal Survey	*Steve Ritz, *Andy Lankford
11:45	Other future possible activities	
12:15 pm	Lunch - Beckman	
1:00	Adjourn BPA Meeting	

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