

## **Board on Physics and Astronomy**

**April 23 – 24, 2010**

Keck Center • 500 Fifth Street, NW, Washington, DC • Room 100

*Attendance at this meeting is by invitation only.*

### **Friday, April 23, 2010 - Room 100**

0800	<b>Convene</b> , <i>Breakfast will be served</i>	
0830	Introductions, Review of Agenda	Marc Kastner, BPA Chair; Adam Burrows, BPA Vice Chair
0900	Mathematical and Physical Sciences, NSF	*Edward Seidel, AD, MPS
0930	Physics Division, NSF	*Joseph Dehmer, DD Physics
1000	Division of Materials Research, NSF	*Zakya H. Kafafi, DD DMR
1030	<b>Break</b>	
1045	Astronomy Division, NSF	*James Ulvestad, DD, AST
1115	Spectrum Management, NSF Spectrum Management, NASA	*Tom Gergely and *Andrew Clegg, PMs, ESM *John Zuzek, PM, ESM
1145	NASA Science Mission Directorate Overview Astrophysics	*Ed Weiler, Assoc. Adm. Science *Jon Morse, Dir. Astrophysics
1215	<b>Working Lunch</b>	
1315	Office of Science Research Programs, DOE	*Pat Dehmer, DD Science Programs
1345	Basic Energy Sciences, DOE	*Harriet Kung, AD
1415	High-Energy Physics, DOE	*Dennis Kovar, AD
1445	Nuclear Physics, DOE	*Timothy Hallman, AD
1515	<b>Break</b>	
1530	Fusion Energy Sciences, DOE	*Edmund Synakowski, AD
1600	High Energy Density Physics, NNSA	*Chris Deeney, Dir., OICF
1630	Office of Management and Budget  Office of Science and Technology Policy	*JD Kundu (DOE Examiner), *Brian Dewhurst (Science and Space) *Stephen Merkowitz, Senior Policy Analyst, Physical Science and Engineering
1700	American Physical Society	*Kate Kirby, APS EO
1730	General Discussion of Agency Presentations and Budget Outlook	Marc Kastner, BPA Chair
1800	<b>Further Discussions (Room 1024)</b>	
1900	<b>Working Dinner for Board Members</b>	
2030	<b>Adjourn</b>	

### **Saturday, April 24, 2010 - Room 100**

0800	<b>Reconvene</b> , Keck 100 <i>Breakfast will be served</i>	
0830	Helium-3 Supply and Demand	*Steve Aoki, DUS for Counterterrorism, NNSA *David Crandall, Chief Scientist, NNSA
0915	Science Talk: The 2009 Jansky Lecture <i>Cosmology with the CMB and the Quest for B-Mode Polarization</i>	*Anthony Readhead, Caltech
1015	<b>Break</b>	
1030	Large Science Platforms: Agency Development Processes	*William Miller, AAAS Science and Technology Policy Fellow, Large Facilities Office, National Science Foundation
1115	Scientific Uses of the Radio Spectrum	*Marshall Cohen, Caltech
1200	<b>Working Lunch</b>	
1300	Helium Report	*Charles Groat, UT Austin; *Robert Richardson, Cornell
1400	Status Report on Astro2010	*Roger Blandford, Stanford University, Astro2010 Chair, *Marcia Rieke, U. Ariz., Astro 2010 Committee
1600	The Large Hadron Collider Early Science, Thoughts on Global Collaboration	*Prof. Dr. Rolf-Dieter Heuer, Director General, CERN
1700	<b>Adjourn BPA Meeting</b>	