

Vistas in Axion Physics Schedule

Version 4/23/2012 v2

Monday, April 23, 2012

	Start	Duration	
Registration (Room C411)	08:00	50	
Welcome (Room C520)			
Workshop goals, charge to the participants	08:30	20	K. Van Bibber
Theoretical situation I			
Axions in theoretical physics	08:50	10	A. Nelson
Motivation for the axion today	09:00	40	F. Wilczek
<i>Break</i>	09:40	30	
Axions in SUSY, and what will we learn from accelerators	10:10	40	H. Baer
Constraints from astrophysics & cosmology	10:50	40	G. Raffelt
Growth of dark-matter structure	11:30	40	T. Quinn
<i>Lunch</i>	12:10	100	
The experimental situation (Room C520)			
Overview of techniques	13:50	10	G. Rybka
Dark matter axions	14:00	40	L. Rosenberg
Torsion beam experiments	14:40	30	E. Adelberger
Cross disciplinary axion/chameleon detection and identification	15:10	30	K. Zioutas
<i>Break</i>	15:40	20	
UW Colloquium – Michael Turner (Room A102)	16:00		

Tuesday, April 24, 2012

The experimental situation (continued) (Room C520)			
Quantum amplifiers for cavity experiments	08:45	30	J. Clarke
Theoretical situation II (Room C520)			
The case for BEC axion dark matter	09:15	40	P. Sikivie
<i>Break</i>	09:55	30	
Cosmological Parameters	10:25	40	K. Sigurdson
<i>Lunch</i>	11:05	145	
Point designs for next generation experiments (Room C520)			
ADMX – Phase II+ (Cavity microwave experiment)	13:50	40	G. Carosi
IAXO (Next generation axion helioscope)	14:30	40	I. Irastorza
<i>Break</i>	15:10	30	
Purely laboratory experiments	15:40	40	A. Chou
REAPR (Axion-photon regeneration experiment)	16:20	40	W. Wester
Comments on DOE support of axion searches	17:00	5	M. Salamon
Group Picture	17:05		
Dinner at Piatti	18:30		

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