

**PLANCK 2014: THE MICROWAVE SKY IN TEMPERATURE AND POLARIZATION
DRAFT PROGRAM**

	Monday	Tuesday	Wednesday	Thursday	Friday	
	Session: Planck mission, science products, and science	Session: Astrophysics and Foregrounds	Session: CMB experiments	Session: Other Probes of cosmology	Session: What's next, CMB cosm. with part. phys. (cont'd)	
	Chair:	Chair:	Chair:	Chair:	Chair:	
9.00	Registration and Welcome	KN: Broadview of the NON-Planck polarized sky - Kendall (TBC)	ACT/ACTPOL - Devlin (TBC)	Talk	Dark Matter from cosmological probes - S. D. M. White (TBC)	
9.10			BICEP 2 - J. Bock or team m. (TBC)	Cross ISW-lensing - ?	Dark Matter from Astrophysical probes Gamma ray - ?	
9.20		Planck component separation and foregrounds	SPT/SPT-POL - B. A. Benson (TBC)	Non-CMB lensing	Dark Matter from particle physics - A. Masiero (TBC)	
9.30			Planck Synchrotron emission	KN: Overview of Current CMB experiments - Carlstrom/Page	KN: BOSS - S. Ho (TBC)	KN talk: Neutrino physics from cosmology - J. Lesgourgues (TBC)
9.40						
9.50	KN The Planck Mission - J. Tauber					
10.00						
10.10						
10.20						
10.30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	
10.40						
10.50						
11.00	The Planck CMB maps	KN: Dust Properties - B. Draine (TBC)	WMAP final results - Bennett (TBC)	Talk	Talk	
11.10	The Planck CMB Power Spectra and likelihood		Consistency of Planck with other experiments	Talk	Cold spot - ?	
11.20	Understanding the uncertainties in the Planck data ???	Planck Dust emission	Talk	Talk	Talk	
11.30		Planck talk - Galactic magnetic field	KN Review of Future CMB experiments/Proposal-Carlstrom/Page	KN Talk - Hubble constant - A. Riess (TBC)	Talk	
11.40		Emission from radio loops and Planck CMB constraints - ?				
11.50						
12.00	KN: Overview talk on Planck cosmology results - G. Efstathiou					
12.10						
12.20						
12:30-14:00	Lunch	Lunch	Lunch	Lunch	Lunch	
	Session: Planck cosmology	Session: Astrophysics and Foregrounds	Session: Inflation	Session: Data analysis / What's next, CMB cosm. with part. phys.	KN Concluding Remarks - R. Sunyaev	
	Chair:	Chair:	Chair:	Chair:		
14.00	KN: Low-ell E- and B- modes from Planck - J.L. Puget	KN: Radio astronomy and CMB observations -B. Partridge	KN Review of Inflation - M. Zaldarriaga (TBC)	Talk		
14.10				The Planck Simulations challenge		
14.20	Cosmological Parameters from Planck	The Planck Source Catalogue	Planck constraints on inflation	Talk		
14.30	Joint Planck and BICEP2 constraints	Planck polarized sources	Planck Constraints on CMB Isotropy and Statistics	Talk		
14.40	Planck constraints on neutrinos	Diffuse extragalactic backgrounds from Planck	Planck targeted primordial NG searches	Talk		
14.50	Constraints on primordial non Gaussianity from Planck	High-redshift sources with Planck	Planck talk?	Talk		
15.00	Large Scale Anomalies with Planck	KN: Review of extragalactic emission Herschel+Planck - D. Elbaz (TBC)	Isocurvature - ?	COFFEE BREAK		
15.10						
15.20						
15.30						
15.40						
15.50						
16.00						
16.10	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK		
16.20						
16.30						
16.40	KN: Fundamental Physics from Planck - N. Mandolesi	Planck SZ catalogue/cosmology	Talk	KN LHC importance for Cosmology - S. Bertolucci (TBC)		
16.50		Planck SZ diffuse emission -	Talk	Pre inflationary clues after Planck - A. Sagnotti		
17.00	Planck constraints on Reionization	KN: The Epoch of Reionization: A. Lapi (TBC)	KN talk - Alternatives to inflation - J. Khoury (TBC)	Higgs Boson and cosmology (Higgs=Inflaton?) - Juan Garcia		
17.10	Planck CMB Lensing			Talk		
17.20	Planck Talk	Poster session: Cosmology (TBC)	End of Session	End of Session		
17.30						
17.40						
17.50						
18.00						
18.10	End of Session	Poster session: Others (TBC)		Social Dinner		
18.20						
18.30		End of Session	End of Session			