

New challenges in Cosmic Microwave Background studies

Italian CMB-day workshop

Agenzia Spaziale Italiana - Roma - March 30, 2016

start	duration	what	who
09:00:00	00:30:00	Registration	
CMB: PAST, PRESENT, AND FUTURE			chair DE ZOTTI
09:30:00	00:10:00	Introduction	ASI - Battiston
09:40:00	00:20:00	The CMB in Italy	Bersanelli
10:00:00	00:30:00	Planck and its legacy	Mandolesi
10:30:00	01:20:00	Science Targets after Planck	Liguori
		primordial CMB	Mazzotta (+ Baccigalupi, Lapi)
		SZ & Xcorr	Melchiorri
		Astroparticles	Burigana (+ De Zotti)
		Foregrounds	
11:50:00	00:20:00	coffee break	
CURRENT ACTIVITIES			chair VITTORIO
12:10:00	00:30:00	Italian contributions to current CMB experiments	Masi
12:40:00	01:00:00	Enabling Technology Developments	
		passive and coherent components	Mennella
		KIDs	Castellano
		TESS	Gatti
		space cryogenics	Morgante
13:40:00	01:00:00	lunch break	
14:40:00	00:45:00	data analysis and exploitation	
		Italian involvement in Data	Baccigalupi,
		Exploitation, Analysis, Archiving,	Natoli,
		Supercomputing Resources,	Polenta
		Formation (3 talks)	
FORTHCOMING SPACE MISSIONS			chair DANESE
15:25:00	00:25:00	the international scenario (balloons, LITEBIRD, PIXIE, Millimetron, ...)	Piacentini
15:50:00	00:35:00	CORe++	de Bernardis
16:25:00	00:20:00	coffee break	
DISCUSSION			chair MANDOLESI
16:45:00	01:00:00	DISCUSSION: PERSPECTIVES OF THE ITALIAN SCIENTIFIC COMMUNITY AND OF ASI IN THE CMB	
		Short contributions from	Scientists TBC
			INAF - INFN - CNR TBC
			Industries TBC
			ASI TBC
		General Discussion	
17:45:00	00:10:00	living document	Baccigalupi
17:55:00	00:20:00	concluding remarks	Battiston
18:15:00		EOM	