CMB DAY 3
3 - 4 December 2026
Sala Cassini, ASI

PROGRAMMA

Day 1: December 3rd, 2026

Time	Duration	Talk	Speaker
OPENING			
09:30 – 09:40	10	Opening	Rappresentante ASI
09:40 – 10:00	15+5	CMB in Italy: a history of team building	N. Vittorio
10:00 – 10:25	20+5	The LiteBIRD Mission: an Update	F. Piacentini
THE SCIENCE CASE			
10:25 – 10:50	20+5	Inflation	G. Galloni
10:50 – 11:15	20+5	Birefringence	S. Paradiso
11:15 – 11:30	10+5	Short update: Primordial Magnetic Fields	D. Paoletti
11:30 – 12:00	30	Coffee Break	
12:00 – 12:25	20+5	Reionization and neutrino masses	S. Giardiello
12:25 – 12:40	10+5	Short update: Probing the Sunyaev-Zel'dovich effect	G. Luzzi
SYNERGIES			
12:40 – 13:10	25+5	Radio Surveys	I. Prandoni
13:10 – 13:25	10+5	Short update: MISTRAL	G. Isopi
13:30 – 14:30	60	Lunch	
INSTRUMENTAL CHALLENGES			

14:30 – 14:50	15+5	Optical design	A. Occhiuzzi
14:50 – 15:10	15+5	Half-Wave Plate	G. Pisano
15:10 – 15:30	15+5	Ortho Mode Transducers for CMB - design and optimization	C. Bellucci
15:30 – 16:00	30	Coffee Break	
16:00 – 16:20	15+5	Polarization Modulation Unit for CMB - testing updates	G. Barbieri-Ripamonti
16:20 – 16:45	20+5	Calibration goals and facilities for CMB	C. Franceschet
16:45 – 17:05	15+5	European TES Detector Plan Status	A. Coppolecchia
17:05 – 17:30	20+5	Feedhorn design and development for CMB applications	M. Zannoni
17:30 – 17:45	10+5	Readout Chain Outlook	I. Neri
17:45 – 18:00	10+5	Recent TES Measurements and Status	P. Dal Bo

Day 2: December 4th, 2026

Time	Duration	Talk	Speaker
SYNERGIES (cont.)			
09:30 – 09:55	20+5	Simons Observatory	M. Gerbino
09:55 – 10:20	20+5	Lensing and Delensing	J. Carron
10:20 – 10:50	25+5	Gravitational Wave Science	A. Ricciardone
10:50 – 11:15	20+5	CMB-XC: Euclid and LiteBIRD	G. Piccirilli
11:15 – 11:45	30	Coffee Break	
11:45 – 12:10	20+5	LSPE and QUBIC: an update	P. de Bernardis
12:10 – 12:40	25+5	Fossil: Instrumental Challenges	N. Aghanim
DATA ANALYSIS CHALLENGES			
12:40 – 13:00	15+5	Science Ground Segment: LiteBIRD and others	D. Tavagnacco

13:00 – 13:30	25+5	From simulations to data analysis	L. Pagano
13:30 – 14:30	60	Lunch	
14:30 – 14:50	15+5	Sky Models	G. Puglisi
14:50 – 15:10	15+5	Foreground mitigation	N. Krachmalnicoff
15:10 – 15:30	15+5	Likelihood Modeling	P. Campeti
15:30 – 16:00	30	Coffee Break	
ROUND TABLE			
16:00 – 17:00 17:00-17:15	60 15	Future directions in CMB Science CLOSING REMARKS	Panelists: TBC Chair: TBC