



From Planck to the future of CMB

May 23-27, 2022 Ferrara, Italy



COMUNE DI
FERRARA



Università
degli Studi
di Ferrara

Objectives of the workshop

... upcoming experiments will have to address and overcome very significant technical and data analysis challenges, some of which have already been revealed by Planck.

It is therefore appropriate at this time to examine these challenges from the perspective of the experience accumulated by Planck in the design and operation of its instruments and in the preparation, conduct, and analysis of its all-sky surveys. In this context, the workshop is designed to bring together key members of the Planck and future experiment teams to foster discussion on some of the most challenging topics.

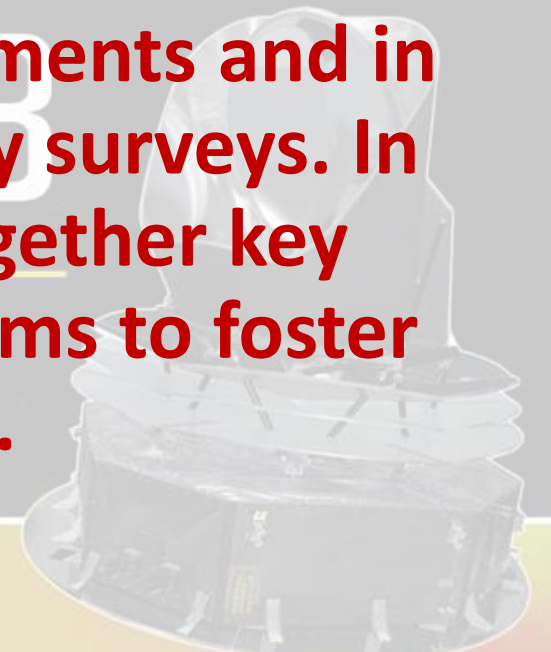
May 23-27, 2022 Ferrara, Italy



COMUNE DI
FERRARA



Università
degli Studi
di Ferrara



Format & contents of the workshop

- Introduction talks on science challenges
 - Invited talks and discussion on six major topics
 - detector and focal plane systems
 - optical aspects, especially polarized beams and their modelling
 - instrument characterization and calibration
 - systematic effects and their impact on scientific analysis
 - characterization and separation of foreground emissions
 - inter-dependencies among the previous topics and approaches to “global analysis”
-
- May 22 - 27, 2022, Ferrara, Italy
- Invited talks on selected science topics
 - Final panel discussion oriented to the future



Many thanks to the SOC, LOC and sponsors!
and to all speakers and attendees...

SCIENTIFIC ORGANIZING COMMITTEE

- Belen Barreiro
- Marco Bersanelli
- Erminia Calabrese
- Tadayasu Dotani
- Masashi Hazumi
- Ludovic Montier (co-chair)
- Paolo Natoli
- Bruce Partridge
- Jan Tauber (co-chair)
- Matthieu Tristram

LOCAL ORGANIZING COMMITTEE

- Mario Ballardini
- Marco Bortolami
- Thejs Brinckmann
- Martina Gerbino
- Alessandro Gruppuso
- Massimiliano Lattanzi
- Margherita Lembo
- Paolo Natoli (chair)
- Luca Pagano



Istituto Nazionale di Fisica Nucleare



COMUNE DI
FERRARA



Università
degli Studi
di Ferrara