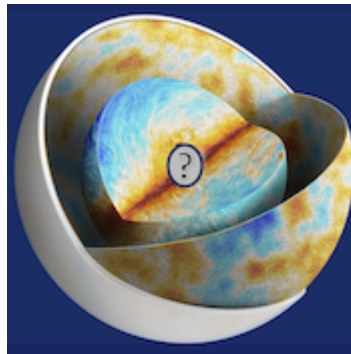


Programme des sessions

13–15 oct. 2025



Colloque national CMB-France #7

CMB results and analysis

Institut Astrophysique de Paris
98 bis boulevard Arago 75014 Paris

lun. 13 octobre

16:30

CMB results and analysis

Session | Site: Institut Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris

16:30 – 16:50 Cosmology with KiDS-Legacy

Orateur
Angus Wright

16:50 – 17:10 DESI DR2

Orateur
Etienne Burtin

17:10 – 17:30 CMB + BAO + SN: Bayesian Model Comparisons and Cross-Dataset Tensions

Orateur
Dr Lukas Hergt

17:30 – 17:50 Combining Planck, SPT and ACT

Orateur
Matthieu Tristram

17:50 – 18:10

Revisiting FIRAS in 2025: new baryonic feedback constraints from CMB spectral distortions

Orateur
Giulio Fabbian

18:10 – 18:30 Non-Gaussianity in multidetector component separation

Orateur
Michele Citran

18:30 – 18:50 Searching for Parity Violation in the CMB Bispectrum

Orateur
Dr Martin Bucher

18:50

mar. 14 octobre

09:00

CMB results and analysis

Session | Site: Institut Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris

09:00 – 09:20

Constraining the full mass distribution of Planck protocluster candidates with CMB lensing**Orateur**

Tanguy DUSSERE

09:20 – 09:40

Updating the mass calibration of the Planck cluster sample**Orateur**

Gaspard Aymerich

09:40 – 10:00

Astrophysical Constraints from the kSZ**Orateur**

Dr Lisa Mc Bride

10:00 – 10:20

Projected-fields kSZ estimator**Orateur**

Ola Kusiak

10:20

10:50

CMB results and analysis

Session | Site: Institut Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris

10:50 – 11:10

A minimally noisy and maximally likely CMB lensing estimator**Orateur**

Il783 Legrand

11:10 – 11:30

Towards de-lensing of BICEP with SPT-3G**Orateur**

Julien Carron

11:30 – 11:50

Enhancing Euclid science through cross-correlation with CMB lensing**Orateur**

Dr Margherita Lembo

11:50 – 12:10

Simons Observatory: News and Prospects**Orateur**

M. Thibaut Louis

12:10 – 12:30

Simons Observatory's Small Aperture Telescopes : Updates on the survey and data analysis pipeline**Orateurs**

Amalia Villarrubia Aguilar, Pierre Masson

12:30

mer. 15 octobre

09:00

CMB results and analysis**Session** | **Site:** Institut Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris

09:00 – 09:20

Modeling and Mitigating Half-Wave Plate Systematics in CMB Polarization Measurements**Orateur**

Ema TSANG KING SANG

09:20 – 09:40

TES proton irradiation result analysis for future space applications**Orateur**

Anaïs Besnard

09:40 – 10:00

Polarized emissions from the local bubble**Orateur**

Mathias Regnier

10:00 – 10:20

Unbiased r constraints with SMICA for future ground-based CMB B-mode polarisation observations**Orateur**

Jacques Delabrouille

10:20 – 10:40

Semi-blind component separation for measuring the CMB B-mode polarization**Orateur**

Hoang Viet Tran

10:40

11:00

CMB results and analysis**Session** | **Site:** Institut Astrophysique de Paris, 98 bis boulevard Arago 75014 Paris

11:00 – 11:20

Furax: A Unified Framework for CMB Data Analysis with JAX**Orateur**

Pierre CHANIAL

11:20 – 11:40

CMB Applications of FURAX**Orateur**

Wuhyun Sohn

11:40 – 12:00

Map-level Beam Treatment**Orateur**

Artem BASYROV

12:00 – 12:20

Recovering unbiased CMB polarization maps using modern ground-based experiments**Orateur**

Simon Biquard

12:20 – 12:40

Low-noise, high angular resolution dust polarization maps using scattering transforms on Planck multifrequency data

Orateur

Dr Alexandros Tsouros

12:40 – 13:00

Solving Bayesian imaging inverse problem with scattering transform : application to instrumental decontamination

Orateur

Sébastien Pierre

13:10