

Guillaume Castex

List of publications

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Scientific publications

Extragalactic sources in Cosmic Microwave Background maps.

De Zotti, G.; et al., *JCAP06(2015) 018 (accepted)*, (2015).

PRISM (Polarized Radiation Imaging and Spectroscopy Mission): an extended white paper.

PRISM Collaboration, *Journal of Cosmology and Astroparticle Physics, Issue 02, article id. 006, pp.*, (2014).

Planck 2013 results. I. Overview of products and scientific results.

Planck Collaboration, *Astronomy & Astrophysics, 571 A12*, (2014).

Planck 2013 results. XII. Diffuse component separation.

Planck Collaboration, *Astronomy & Astrophysics, 571 A1*, (2014).

A Hybrid Model for the Evolution of Galaxies and Active Galactic Nuclei in the Infrared.

Cai, Z-Y.; et al., *The Astrophysical Journal, Volume 768, Issue 1, article id. 21, 24 pp.*, (2013).

The local luminosity function of star-forming galaxies derived from the Planck Early Release Compact Source Catalogue.

Negrello, M; et al., *Monthly Notices of the Royal Astronomical Society, Volume 429, Issue 2, p.1309-1323*, (2013).

Planck intermediate results. VIII. Filaments between interacting clusters.

Planck Collaboration, *Astronomy & Astrophysics, Volume 550, id.A134, 16 pp.*, (2013).

Planck intermediate results. VI. The dynamical structure of PLCKG214.6+37.0, a Planck discovered triple system of galaxy clusters.

Planck Collaboration, *Astronomy & Astrophysics, Volume 550, id.A132, 14 pp.*, (2013).

Planck intermediate results. V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect.

Planck Collaboration, *Astronomy & Astrophysics, Volume 550, id.A131, 24 pp.*, (2013).

The pre-launch Planck Sky Model: a model of sky emission at submillimetre to centimetre wavelengths.

Delabrouille, J.; et al., *Astronomy & Astrophysics, Volume 553, id.A96, 35 pp.*, (2013).

Planck early results. VI. The High Frequency Instrument data processing.

Planck HFI Core Team, *Astronomy & Astrophysics*, Volume 536, id.A6, 47 pp., (2011).

Non refereed papers:

Another look to distortions of the CMB spectrum.

G. De Zotti, M. Negrello, G. Castex, A. Lapi, M. Bonato, *Submitted to JCAP*.

Planck 2015 results. XII. Full Focal Plane simulations.

Planck Collaboration, *Submitted to A&A*.

Planck 2015 results. IX. Diffuse component separation: CMB maps.

Planck Collaboration, *Submitted to A&A*.

Planck 2015 results. II. Low Frequency Instrument data processing.

Planck Collaboration, *Submitted to A&A*.

Planck 2015 results. I. Overview of products and scientific results.

Planck Collaboration, *Submitted to A&A*.

CMB Power Spectrum Likelihood with ILC.

Dick, J.; Castex, G.; Delabrouille, J., *2012arXiv1203.4837D*, (2012).