

Astronomy and Planetology Airap: Use and construction of instruments for ground / space based observatories and planetary missions

TAROT telescope

SVOM-GFT *gamma-ray bursts*

CNES EUSO-BALLON *cosmic rays*

TARANIS *Transient Luminous Events*

PILOT balloon-borne telescope

MARS ODYSSEY *volcanoes* EXOMARS

NASA MSL-CHEMCAM *Mars Curiosity*

BEPI-COLOMBO *Mercury Planetary Orbiter*

Mercury Magnetospheric Orbiter **CNES**

STEREO *solar wind* SOLAR-ORBITER

heliosphere FRESNEL optics

JUNO *Jupiter* JUICE **ESA**

EUCLID data archiving *dark matter*

XMM-Newton *black holes* INTEGRAL *X rays*

ESA PLANCK-HFI *cosmological background*

HERSCHEL-HIFI *interstellar medium* SPICA-SAFARI **JAXA**

COROT *exoplanets* KEPLER microlensing *galaxies*

CASSINI-HUYGENS *Magnetospheric Imaging Instrument*

Spectropolarimetry on 2m telescope

@**PIC DU MIDI** Observatory

CLIMSO *solar corona*

VLT-MUSE spectrometry

ESO CFHT-SPIROU

exo-Earths magnetic fields

CLUSTER *charged particules analysis*

ESA *Earth magnetosphere*

THEMIS



**Institut de Recherche
en Astrophysique
et Planétologie**

**A joint research institute of CNRS
and Université Paul Sabatier, Toulouse, France**

IRAP Staff

*200 permanent staff (academics, engineers, services)
50 PhD and master students - 40 post-docs*

www.irap.omp.eu

Tel : +33 5 61 55 66 48

**9 Avenue du Colonel Roche – BP 44346
31028 Toulouse Cedex 4 - France**

Research @IRAP

*Observing and understanding the
Universe from the Earth to the Big Bang*

*Conception and Construction
of scientific instruments for ground-based
and space-based observatories*

*Providing theoretical and experimental data to
support astrophysical and geophysical studies*

*Hosting data centers and services
for the worldwide scientific community :
RSSP/seismology, CDPP/plasma physics
CDAB/astrophysics*