

18 founding
members

building

1 research
university



Education



65,000
students



8 schools



48 master programs

300 master tracks

2015-2016 academic year:

~44000 candidates and ~9000 master students
in the mutualized programs



5,000
PhD students

1,500 PhD/year

20 doctoral schools

(support from LABEX, LIDEX,
IDI...)

Key Data on Education

Research



10,000
researchers
and professors



10,000
publications/year



15%
of French research



10
departments



300
laboratories

Key Data on Research

**Major IDEX actions: LABEX, LIDEX,
Chairs**



A common identifier
for all scientific publications
laboratory, institution, Université Paris-Saclay, address

Physics of the
two infinites

Physics of Light
and Matter

Electrical &
Optical
Engineering

Mechanical &
Chemical &
Energy
Engineering

Information
Science &
Technology

Mathematics

Chemistry

Geosciences &
Astrophysics

Life Sciences

Humanities &
Social Sciences

10 departments to coordinate the research effort

Main mission : contribute
to the development of a
strategic vision of the
university in its field of
competence and coordinate
its implementation.

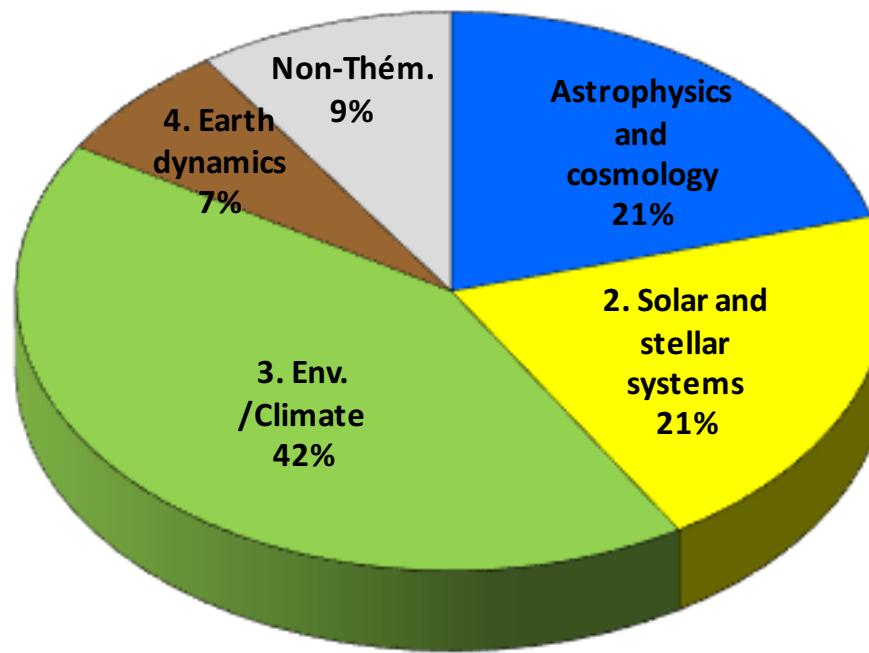
Involved in the organization
of upstream research
ecosystem of the Paris-
Saclay "cluster".

Geosciences and Astrophysics department



4 themes :

1. Astrophysics and cosmology
2. Solar system / stellar systems and origins
3. Earth fluid envelop and climate
4. Earth transfers and dynamics



« Non-thém. »: technical teams
Contributing in the instrumentation

Present all along the chain of new knowledge acquisition



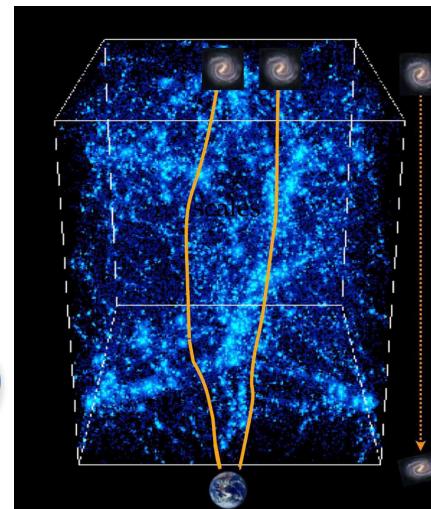
Observations/
interprétation

Instrumentation
ground-based and
on board satellites

R&D

Signal processing

Theory
Numerical simulations



Participation in 25 space missions over the next 15 years in partnership with CNES



Exomars [2016] ESA-Roskosmos

Taranis [2016] CNES

Microscope [2016] CNES

ADM-Aeolus [2016] ESA

BepiColombo [2017] ESA-JAXA

Metop-C [2017] CNES-Eumetsat

GRACE Follow-on [2017] NASA-GFZ

Solar Orbiter [2018] ESA M1

JWST [2018] NASA-ESA

Exomars Pasteur [2018] ESA-Roskosmos

Earthcare [2018]

CFOSAT [2018] CNES-CNSA-NSOAS

Merlin [2019] CNES-DLR

SWOT [2019] NASA-CNES

Sentinel 4 et 5 [2018-2020] ESA

Euclid [2020] ESA M2

Mars2020 [2020] NASA

FLEX in compet. Earth Explorer 8 [2020] ESA

Microcarb [2020] CNES

Stratéole 2 [2020] CNES

IASI-NG pour Metop-SG [2021]

SVOM [2021] Chine-CNES

JUICE [2022] ESA L1

PLATO [2024] ESA

ARIEL in compet. For M4 ESA slot [2026] ESA

LIVE [AD]

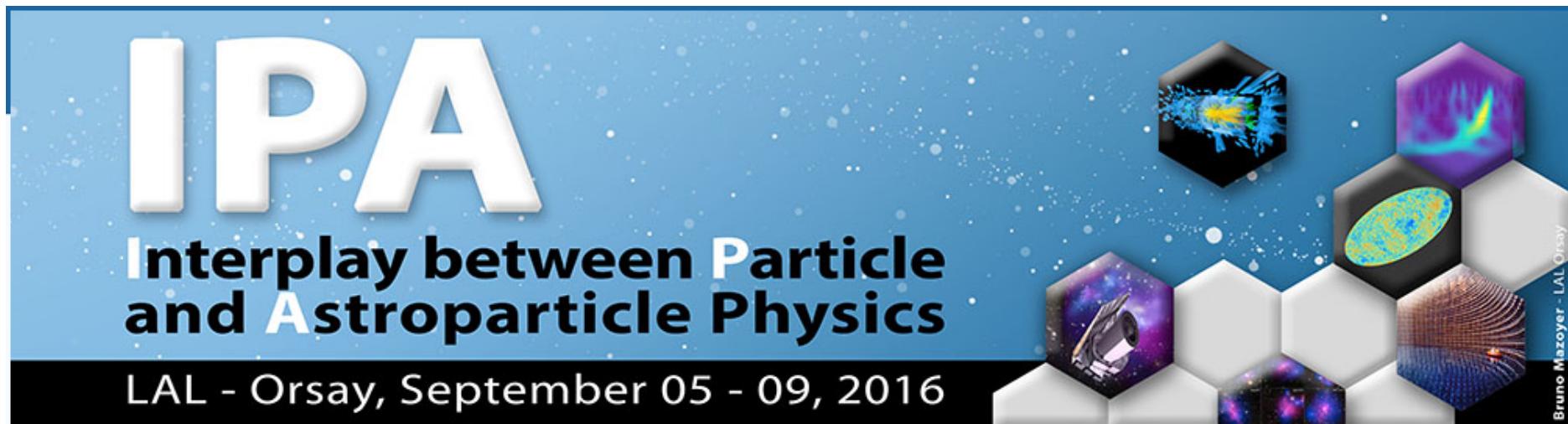
Mescal [AD]

Athena [2028] ESA L2



Limited budget so far for scientific animation
(and soon to fund a few small projects in emergence)

It is our pleasure to contribute in the funding of the IPA conference.



We wish you a wonderful IPA conference!