



RESSOURCES

32 000

Employees

28 000

Scientists (researches, ing., tech.)

BUDGET

4,0

Billions of euros in 2023

1,0

Millions of euros of own resources

CNRS -KEY FIGURES 2023

RESEARCH

+1 000

Laboratories in France

10

Scientific divisions

INNOVATION

+240

Joint research structures CNRS / companies

80 to 100

Start-up created per year

1st

Patent filers in co-deposit with companies (INPI)

PUBLICATIONS

2/3

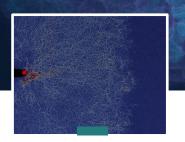
of publications are with a foreign laboratory

94 %

publications are in open access



10 SCIENTIFIC DIVISIONS



Mathematical sciences & their interactions



Information Sciences & Technologies



Engineering & Systems Sciences



Chemistry



Physics



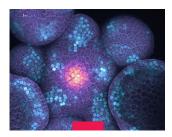
Nuclear & Particles
Physics



Earth Sciences and Astronomy



Ecology & Environment



Biological Sciences



Humanities & Social Sciences



BASIC RESEARCH...



• To recruit and form talents



To progress in the study of our some 40 thematic priorities



To promote open science



To preserve scientific integrity and deontology



To support research infrastructures



SOME OF OUR SCIENTIFIC PRIORITIES

- Engineering
- Matter, waves and particles
- Digital
- Planet and Universe
- Societies
- Life



... FOR THE BENEFIT OF THE SOCIETY



Global social challenges



Economic world



Support for decision-making and understanding





THALES























THE CNRS INTERNATIONAL TOOLBOX

Exploring Consolidating Structuring Integrating **International** International **International** International International **Emerging** Research Research Research Research **Actions Networks Projects** Laboratories Centres (IEA) (IRN) (IRP) (IRL) (IRC) 5-year **multi-**5-year labs-to-labs team scientific 2-year PI-to-PI 5-year joint research PhD joint programmes collaborative research projects coordination laboratories research projects networks Highlighting iconic Strengthening a collaboration operations decided at a Building a capacity to strategic level and Joint institutional develop strategic implementing a strongly Simplifying international agreement steering orientations localized international processes presence Laboratory approach Institutional approach Bottom-up approach

INTERNATIONAL RESEARCH LABORATORIES & CNRS OFFICES ABROAD



10 representation offices





CNRS INTERNATIONAL RESEARCH CENTERS

University of Arizona: France-Arizona Institute for Grand Global Challenges

Scientific focus: the natural, social and digital environment, supported by structures such as the iGlobes IRL, one of the 5 CNRS IRLs with the United States, and the "Pima County" International Human-Environment Observatory.

Further information: https://fainstitute.arizona.edu/

Imperial College: CNRS-Imperial International Research Center

Thematic areas: mathematical sciences, the Internet of Things (IoT), artificial intelligence (AI), data sciences and engineering systems. There are also growing collaborations in materials science, DNA data storage, medicine, food and nutrition.

Further information: https://www.cnrs.fr/fr/cnrsinfo/le-cnrs-et-imperial-college-london-lancent-un-nouveau-centre-de-recherche-international



CNRS INTERNATIONAL RESEARCH CENTERS

University of Tokyo: "CNRS-UTokyo International Research Center"

Thematic areas: mathematical sciences, geology and seismology, digital humanities, energy transition and gender equality.

Further information: https://www.cnrs.fr/fr/le-cnrs-et-luniversite-de-tokyo-lancent-un-nouveau-centre-de-recherche-international

University of Chicago: Discovery International Research Center

Thematic areas: particle physics, humanities and social sciences, including economics and political science, and astronomy.

Further information: https://www.cnrs.fr/fr/cnrsinfo/un-nouvel-international-research-center-entre-le-cnrs-et-luniversite-de-chicago



A FIFTH INTERNATIONAL RESEARCH CENTER: WHY USP?

USP em números

Fonte: Anuário Estatístico USP 2020 (fonte de dados 2019)

2.483.493

Participantes em atividades de cultura e extensão

48

Bibliotecas

97.325

Alunos matriculados (graduação e pós-graduação)

1.368

Prêmios e outras distinções recebidas por docentes

232.166

Atendimentos em serviços de saúde e educação

5.383

Docentes

13.368

Técnicos-administrativos

88

Unidades e outros órgãos



Campus

- São Paulo
- Bauru
- Lorena
- Piracicaba
- Pirassununga
- Ribeirão Preto
- São Carlos
- Santos



DISCIPLINES SAMPLING AMONG THE 250 SUB-THEMES (WEB OF SCIENCE FIELDS) OF CNRS-USP CO-PUBLICATIONS (2017-2022)

Discipline	Articles
Astronomy & Astrophysics	575
Physics, Particles & Fields	573
Ecology & Environment	312
Physics, Nuclear	266
Immunology	158
Physics, Multidisciplinary	111
Human and Social Sciences	60

Source : WoS-Incites ; traitement CNRS-Derci

7 CNRS INTERNATIONAL ACTIONS AND PROJECTS @ USP

2023 - 2024

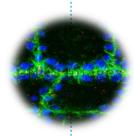
Human Sciences

TAME method in linguistics

International Action

LLING Nantes/FFLCH USP





2019 - 2023

Biological Sciences

Immune response to danger signals

International Project

IEM Orleans/Faculdade de Medicina USP

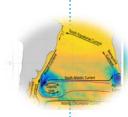
2023 - 2027

Earth Sciences and Astronomy

Drivers of past changes in South Atlantic Circulation

International Project

LOCEAN Paris/USP





2022 - 2026

Human Sciences

Passions, Actions and Reactions in the Antic World International Project Centre Leon Robin Paris/FFLCH USP



2021 - 2025

Human Sciences

Archives-Medias-Images-Societies International Project LRHRA Lyon/Escola de Comunicação USP



2022 - 2026

Ecology and Environment Sciences

Diversity and biotechnology of Marine Algae International Network LBIMM Roscoff/USP



2022 - 2026

Human Sciences

Latin America Contributions to a Common Right International Project Centre Malher Paris/ Centro de Pesquisa de Direito Sanitario USP



HISTORY OF THE CREATION OF IRC CNRS-USP





January 2023



July 2023







January 2024





DISCIPLINARY ARCHITECTURE OF IRC CNRS-USP



"MAISON DU CNRS" AT THE UNIVERSITY OF SAO PAULO











FOR FURTHER INFORMATIONS: <u>LIVIU-PETRU.NICU@CNRS.FR</u>

