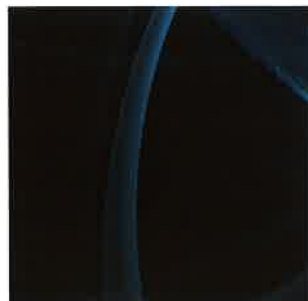




Université Paris-Saclay
Shaping Tomorrow's
Global-Scale University



Campus Paris Saclay

FONDATION DE COOPERATION SCIENTIFIQUE

Higher education and research today are of paramount importance as global competition has intensified the race to recruit young talent and develop internationally recognized research and academic programs. In such an ultra-competitive international environment, the French government has launched a series of significant investments to ensure that innovation becomes a strong driver of its national growth. The Université Paris-Saclay project is a part of this new policy and the State and the University's Founding Members* have made significant commitments to ensure the success of the project.

*See the list of Founding Members p.8

● A new **€5 billion** investment by the French government to be spread over ten years will include:

- ▶ **€1.3bn** in research and innovation programs
- ▶ **€2.5bn** in scientific and academic buildings
- ▶ **€1.2bn** in public transportation projects

● **15,000** housing units available to families and students as part of private housing programs

● A large campus covering over **740 acres**



« Université Paris-Saclay : Molding the Global Leaders of Tomorrow »

To address ever-increasing global competition in teaching, research and innovation, the Founding Members of Université Paris-Saclay have decided to combine their resources by 2014 and create a joint teaching and research project of the highest international level.

Paris-Saclay will federate an exceptional scientific potential, bringing together Founding Members of varied but complementary nature: 2 universities, 10 "grandes écoles" and 7 research organizations.

Over the years, the University's Founding Members have strongly contributed to the education of a significant number of national and international leaders in politics, economics, finance and science (Nobel Prizes, Fields Medals, ERC...). Many of their students have also become top executive managers and technicians in major multinational French groups, as well as rising very high in the ranks of the French government. Students can enter Université Paris-Saclay from their first year of higher education, investing in their future through targeted, market-oriented academic programs.



An Internationally Recognized University

As part of an extremely fast-changing and competitive research and training environment, the Université Paris-Saclay is developing a strategy of international academic cooperation based on high-quality training courses and cutting-edge research provided by its members.

Starting in 2014, the University will federate a significant part of its offering of Master's cursus and PhDs. Financial support will be offered to top international Master's students.

The Université Paris-Saclay will continue to expand research collaborations based on the strong global relations from each individual member's current internationally oriented research institutes.

Double-degree programs,
exchange programs for students
and researchers, Erasmus Mundus
Master's courses, International
Office, summers schools, executive
training...

UNIVERSITÉ PARIS-SACLAY A flagship for its Founding Members

- ✓ A unique PhD
- ✓ Masters' degrees
with courses in English
- ✓ Scientific publications
stemming from Université
Paris-Saclay
- ✓ Combined research teams
for optimal thematic proximity
- ✓ A fast evolving campus
and an attractive environment
for students, researchers
and teachers
- ✓ Enhanced services dedicated
to welcoming international
researchers and students



Creating close interactions between the academic world, research and industry

« The Université Paris-Saclay: a hub of intelligence and innovation. »

HIGHER EDUCATION TAKING ADVANTAGE OF ATTRACTIVE STUDY OPTIONS

The Université Paris-Saclay will offer top international-level courses in the areas of Natural Science and Human and Social Sciences for Bachelors to PhDs. Students will be able to take advantage of flexible study options, and become career-ready in a proactive way.

THE SCHOOLS OF THE UNIVERSITÉ PARIS-SACLAY

- ▶ Basic Science
- ▶ Biology, Medicine, Pharmacy
- ▶ Biodiversity, Agriculture, Food, Society, Environment
- ▶ Business
- ▶ Economics and Social Sciences
- ▶ Engineering, Information Science and Technology
- ▶ Human Movement and Sport Sciences
- ▶ Humanities
- ▶ Law and Political Science



■ RESEARCH MEETING TOMORROW'S SCIENTIFIC CHALLENGES

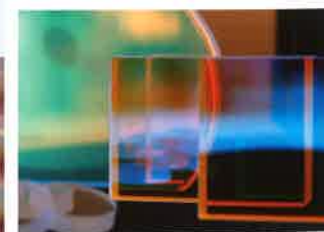
The University's institutions are setting up a coordinated, campus-wide research strategy, concentrating their energies on the challenges of fundamental as well as science socio-economic issues to achieve the highest level of expertise worldwide.

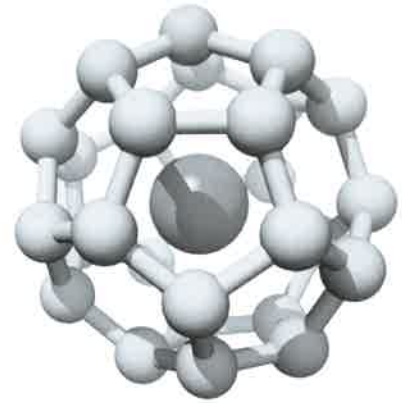
Several fields of scientific research teams are moving closer together on campus, in particular those addressing the areas of food/agriculture, pharmacy, nanosciences, cell biology, neurology, physics of lasers, high-performance digital calculation, information science and technology. Several thousands of researchers will benefit from an environment specifically designed for enhanced interactions.

The Paris-Saclay campus will host major, **internationally renowned, research infrastructures** and technological skills at the forefront of knowledge : large petawatt lasers (ILE, ELI), petaflop computers (PRACE), brain imaging by ultra-powerful Magnetic Resonance (NEUROSPIN), a particle accelerator (SOLEIL) and a neutron reactor (ORPHEE). Leading teams in advanced technologies are involved in many major international research projects, such as fundamental research satellites (HERSCHEL, EUCLID...), large accelerators for particle physics (LHC), European Spallation Source (ESS), a tokamak for controlled magnetic fusion (ITER), intense beams of heavy ions (GANIL), a free electron laser (XFEL), a large European program for an exaflop computer, the Mars rover, CURIOSITY, and the James Webb Telescope with NASA.



The University's cutting-edge research makes it a major player among the European Research Area. Its scientific community is strongly involved in major European research programs, especially the ERC.





■ INNOVATION

UNIVERSITÉ PARIS-SACLAY : AT THE HEART OF AN ECONOMIC AND SCIENTIFIC CLUSTER

The Université Paris-Saclay is located in the heart of one of the **largest European clusters for economic and private research**. **New public/ private joint labs are being developed** in the fields of information technology, energy efficiency, photovoltaic energy, mobility, etc and will benefit from the support of both private and public contributors.

Several large multinational companies have already established their center for corporate development, research and training in the Paris-Saclay area, such as Danone, Air Liquide, Thalès, and EDF. The Paris-Saclay economic area also hosts Alcatel-Lucent's Bell labs, Dassault Systemes, Ipsen and General Electric.

More companies are expected to join as part of a program organized with the local authorities aimed to attract businesses, especially focusing on start-ups and SMEs.



Over 20,000 researchers and engineers from the private sector are already developing tomorrow's products in the Paris-Saclay area.



Discovering the Campus

A high-quality cultural and sports environment within large, protected green spaces :

- ▶ Only 30 minutes from central Paris
- ▶ Cultural highlights : Palace of Versailles, golf courses, opera houses
- ▶ Transportation : Orly International Airport, Massy-Palaiseau TGV station

PARIS-SACLAY



THE UNIVERSITÉ PARIS-SACLAY IN FIGURES

- ▶ **60 000** students (including 12 % international students)
- ▶ **10,500** researchers and teaching researchers
- ▶ **8,000** publications per year
- ▶ Representing **15 %** of French public research
- ▶ **2** Nobel prizes for physics
- ▶ **6** Fields medals (Mathematics)
- ▶ **73** European Research Council (ERC) Grants (respectively 15 % and 2 % of French and European ERCs)
- ▶ **5,700** PhD students
- ▶ **10,000** Masters' students
- ▶ International students and researchers : **23 %** of all University population

Campus Paris Saclay

FONDATION DE COOPERATION SCIENTIFIQUE



FCS Campus Paris-Saclay
Espace Technologique, Bât. Discovery, Route de l'Orme aux Merisiers - RD 128, F - 91190 Saint-Aubin
www.campus-paris-saclay.fr
contact@campus-paris-saclay.fr - Tel : +33 1 69 33 21 67