

UNIVERSITÉ PARIS-SACLAY IN **2023**

université
PARIS-SACLAY

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Highlights from the past year

Highlights from the past year

13 MARCH

#Institutional news

UNIVERSITÉ PARIS-SACLAY: PLANS TO FULLY INTEGRATE THE UNIVERSITIES OF EVRY AND VERSAILLES SAINT-QUENTIN-EN-YVELINES ARE CONFIRMED

The governing bodies of Université Paris-Saclay, and the universities of Evry (UEVE) and Versailles Saint-Quentin-en-Yvelines (UVSQ) approved the main terms of the project to fully integrate UEVE and UVSQ into Université Paris-Saclay. The integration is set to take effect on 1 January 2025.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-plans-fully-integrate-universities-evry-and-versailles-saint-quentin-en-yvelines-are-confirmed>

19 APRIL

#Institutional news #Inauguration

INAUGURATION OF THE HENRI MOISSAN SITE AT UNIVERSITÉ PARIS-SACLAY

The Henri Moissan building for Biology, Pharmacy and Chemistry activities at Université Paris-Saclay was inaugurated on Tuesday 18 April 2023 by Estelle Iacona, President of Université Paris-Saclay, Marc Pallardy, Dean of the Faculty of Pharmacy and Denis Merlet, Dean of the Orsay Faculty of Science.

<https://www.universite-paris-saclay.fr/en/news/inauguration-henri-moissan-site-universite-paris-saclay>



Highlights from the past year

11 JULY

#Innovation #PUI

THE UNIVERSITÉ PARIS-SACLAY UNIVERSITY INNOVATION CLUSTER (PUI)

On 11 July, the French government announced the 29 university innovation clusters (PUI - *pôles universitaires d'innovation*) which have been chosen as part of the France 2030 investment plan. The university innovation cluster coordinated by Université Paris-Saclay is one of the winning laureates. The cluster is part of a local area brimming with remarkable assets for academic excellence, deep-tech start-up potential and a rich socio-economic network. The PUI will give the university and its partners the opportunity to reach their full potential in creating scientific value and strengthen its visibility.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-university-innovation-cluster-pui>

15 AUGUST

#Shanghai Ranking #Excellence

THE 2023 SHANGHAI RANKING: UNIVERSITÉ PARIS-SACLAY KEEPS ITS SPOT IN THE GLOBAL TOP 20

ShanghaiRanking Consultancy published its Academic Ranking of World Universities (ARWU) for 2023 on 15 August. Université Paris-Saclay was ranked 15th in the world and 1st in continental Europe, confirming the university's position as a world-class research-intensive university.

https://www.universite-paris-saclay.fr/sites/default/files/2023-08/pr_upsaclay_shanghai_2023.pdf



13 NOVEMBER

#Foundation #Patronage

UNIVERSITÉ PARIS-SACLAY LAUNCHES A NEW FOUNDATION

Université Paris-Saclay launched its new Foundation, strategically positioned to meet the university's international objectives and deal with the complexity of the great challenges of the 21st century: inclusion, climate change, health and threats to biodiversity. The university's Governing Board unanimously voted in favour of adopting the Foundation's new statutes and appointed Patrick Duvaut as its Chairman, with immediate effect and for a period of four years.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-launches-new-foundation>

Highlights from the past year

14 NOVEMBER



#Honorary degree

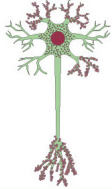

**ANNE L'HUILLIER, LAUREATE OF THE NOBEL PRIZE IN PHYSICS 2023,
DOCTOR HONORIS CAUSA FROM UNIVERSITÉ PARIS-SACLAY**

On 13 November 2023, Université Paris-Saclay had the honour of awarding Anne L'Huillier, laureate of the Nobel Prize in Physics 2023 and Professor of Atomic Physics at Lund University, Sweden, the prestigious title of Doctor Honoris Causa. Alain Aspect, laureate of the Nobel Prize in Physics 2022, was the ceremony's guest of honour.

https://www.universite-paris-saclay.fr/sites/default/files/2023-11/pr_anne_lhuillier_doctor_honoris_causa_universite_paris-saclay.pdf




L'Édition de université paris-saclay winter 2022/23		20		Section and theme	Page
Section	Page	Section and theme	Page	Research - Endometriosis and reproductive system	18
Teaching, learning	14	Research - Epigenetics	15		
Title		STUDENT INVOLVEMENT: A RECOGNISED AND VALUED EXPERIENCE			
Section	Page	Section and theme	Page	Section	Page
Science outreach	18	Business & Innovation - The platform of Université Paris-Saclay	14	Seen from abroad	13
Title		SUMMER SCHOOLS AT UNIVERSITÉ PARIS-SACLAY		NOBEL PRIZE IN PHYSICS IS AWARDED TO 3 SCIENTISTS	
Section and theme	Page	Section and theme	Page	Section	Page
Research - Health Status	18	Research - Autism	15	Campus life	14
Title		CAMPUSES GET TO THE SCREEN			
 université PARIS-SACLAY <small>Address: 91190 Brunoy Cedex 33000 Paris Cedex 12 - France Website: www.universite-paris-saclay.fr/en</small>					

L'Édition of Université Paris-Saclay spring 2023		21		Section and theme	Page
Section	Page	Section and theme	Page	Research - Alzheimer's disease	18
Teaching, learning	14	Research - Fluid dynamics	15		
Title		STUDENT TUTORING AND MENTORING: RESOURCES FOR SUCCESS			
Section	Page	Section and theme	Page	Section	Page
Science outreach	18	Business & Innovation - PIRE	14	Seen from abroad	13
Title		HUGO DUMINIL-COPIN MEETS STUDENTS FROM THE AREA		COP27: GO AND SEE IT TO BELIEVE IT	
Section and theme	Page	Section and theme	Page	Section	Page
Research - Child and teenage psychiatric disorders	18	Research - Spintronics	15	Campus life	14
Title		A SOLIDARITY CENTRE IN THE ORSAY VALLEY			
 université PARIS-SACLAY <small>Address: 91190 Brunoy Cedex 33000 Paris Cedex 12 - France Website: www.universite-paris-saclay.fr/en</small>					

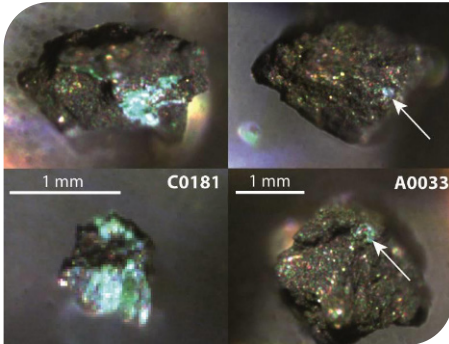
Looking back

ON A SACRÉ YEAR AT UNIVERSITÉ PARIS-SACLAY!

n°22 Autumn 2023 L'Édition	
	
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4 Teaching, learning Discovering doctoral education pathway	13 Research Child heritage history and heritage
7 Science outreach Policies, Culture in Brittany	16 Business & Innovation
21 Research Low-energy cosmic rays	25 Seen from abroad Espinoza

Looking back

> JANUARY



12

#Research #Astrophysics

SAMPLES FROM ASTEROID RYUGU PROVIDE VALUABLE NEW INSIGHTS INTO THE EARLY EVOLUTION OF THE SOLAR SYSTEM

Samples from asteroid Ryugu are still revealing their secrets. New mineral characterisations have come to light thanks to the MicrOmega instrument, designed and developed at the Institut d'astrophysique spatiale (CNRS/Univ. Paris-Saclay). This work was published in *Nature Astronomy*.

https://www.universite-paris-saclay.fr/sites/default/files/2023-12/pr_samples_from_asteroid_ryugu_.pdf

23

#Research #Health #Parkinson's

REPRODUCTIVE LIFE FACTORS AND HORMONE THERAPY MAY AFFECT WOMEN'S RISK OF PARKINSON'S DISEASE

The specific risk factors for the development of Parkinson's disease in women remain little studied and poorly known. Exposure to the hormones involved in female reproductive life is one of the avenues explored at the Epidemiology and Population Health Research Center (CESP) by a research team from Inserm, Université Paris-Saclay, Université de Versailles Saint-Quentin-en-Yvelines with Institut Gustave Roussy, which compared the reproductive characteristics of nearly 1,200 women with Parkinson's disease with those of other women from the E3N cohort. Their findings show that age at first menstrual period, number of pregnancies, type of menopause and a molecule used to improve fertility are associated with a higher risk of developing the disease. This research, published in *Brain*, supports the role of hormonal exposures during the reproductive life of women – particularly estrogen levels – in Parkinson's disease and opens up avenues for targeted prevention strategies.

https://www.universite-paris-saclay.fr/sites/default/files/2023-12/pr_parkinsons_women.pdf

25

#Research #ERC

ERC PROOF OF CONCEPT GRANTS 2022: THREE LAUREATES FROM UNIVERSITÉ PARIS-SACLAY

The European Research Council (ERC) announced the results of the third and final round of its Proof of Concept funding scheme for 2022. Three of the winning projects are coordinated by researchers and academic staff at Université Paris-Saclay.

<https://www.universite-paris-saclay.fr/en/trois-laureats-lies-a-luniversite-paris-saclay>



RESEARCHER PORTRAIT

Catherine Berrier:

From the construction to the transmission of knowledge

<https://www.universite-paris-saclay.fr/en/news/catherine-berrier-construction-transmission-knowledge>

Looking back

> FEBRUARY

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#Research #Health #Endometriosis

COMPARE ENDOMETRIOSIS: HOW TO IMPROVE CARE FOR PATIENTS

Driven by researchers and academic staff from the Centre for Clinical Epidemiology (AP-HP), the Centre for Research in Epidemiology and Population Health (CESP - Inserm)/Université Paris-Saclay/UVSQ/Gustave Roussy) and the Centre for Research in Epidemiology and Statistics (CRESS - Inserm/Université Paris Cité), ComPaRe, the AP-HP Community of Patients for Research, has conducted a citizen science study to gather ideas from patients suffering from endometriosis with a view to improving their care. The 1,000 study participants answered the following question: "If you had a magic wand, what would you change about your health care?". Some 2,487 ideas were put forward, categorised into 61 areas for improvement. Led by Solène Gouesbet, PhD candidate at Université Paris-Saclay, and supervised by Dr Viet-Thi Tran, epidemiologist and co-investigator at ComPaRe (Université Paris Cité/AP-HP), the study was the subject of a scientific publication in the *Journal of Women's Health* on 19 January 2023.

https://www.universite-paris-saclay.fr/sites/default/files/2023-12/pr_compare_endometriosis_how_to_improve_care_for_patients.pdf



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#Appointment #Dean #Faculty of Medicine

PROF MARC HUMBERT ELECTED DEAN OF THE PARIS-SACLAY FACULTY OF MEDICINE

On Wednesday 15 February 2023, the members of the Faculty of Medicine's board unanimously voted to appoint Professor Marc Humbert as the faculty's new Dean. His election follows the appointment of the faculty's former Dean, Professor Didier Samuel, as Chairman and CEO of the French National Institute of Health and Medical Research (Inserm) on 1 February 2023.

<https://www.universite-paris-saclay.fr/en/news/prof-marc-humbert-elected-dean-paris-saclay-faculty-medicine>

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#Research #Agriculture

POULTRY FARMING: BETTER UNDERSTANDING AND TREATING AN EMERGING INFECTIOUS BACTERIUM

Around the world, poultry face a multitude of pathogens. Of particular concern is *Enterococcus cecorum*, a pathogenic bacterium that is increasingly behind severe disease and mortality on farms. Recently, researchers at INRAE and ANSES explored the biology of this species with a view to better protecting farm animals. The findings were published on 16 February in *mSphere* and *Journal of Clinical Microbiology*.

https://www.universite-paris-saclay.fr/sites/default/files/2023-12/pr_poultry_farming.pdf



RESEARCHER PORTRAIT

Fabrice Barlesi: *Helping to cure cancer in the 21st century*

<https://www.universite-paris-saclay.fr/en/news/fabrice-barlesi-helping-cure-cancer-21st-century>

Looking back

> MARCH

13

#Institutional News

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23

#Ranking #TOP50

QS WORLD UNIVERSITY RANKINGS BY SUBJECT: UNIVERSITÉ PARIS-SACLAY IN THE GLOBAL TOP 50 FOR SIX SUBJECTS

The results of the 2023 edition of the QS World University Rankings by Subject were released on 22 March 2023. Université Paris-Saclay appeared in the top 20 universities in the world for Mathematics (16th) and Physics & Astronomy (17th), and in the top 50 for an additional four subjects.

https://www.universite-paris-saclay.fr/sites/default/files/2023-03/pr_upsaclay_qs_subject_ranking_2023.pdf



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#Entrepreneurship #Innovation

THE WINNERS OF THE 2023 STUDENT ENTREPRENEURSHIP DAY

The 13th edition of the Student Entrepreneurship Day at Université Paris-Saclay took place on Thursday 23 March 2023 at the university's Faculty of Science. Approximately sixty projects took part in the entrepreneurship fair which was organised as part of the event and some 41 teams took on the challenge of pitching their innovative start-up projects in just three minutes during the event's pitch competition. The juries chose a winning project in each of the six categories: product or service, at differing stages of development (conception, emerging or advanced).

<https://www.universite-paris-saclay.fr/en/news/winners-2023-student-entrepreneurship-day>



RESEARCHER PORTRAIT

Florent Ginhoux: *Understanding the role of macrophages in the body*

<https://www.universite-paris-saclay.fr/en/news/florent-ginhoux-understanding-role-macrophages-body>

Looking back

> APRIL

18

#Research #Biodiversity

BIOLOGICAL INVASIONS AS COSTLY AS NATURAL DISASTERS

Over the past 40 years, the financial losses caused by biological invasions have been equivalent to those caused by various types of natural disasters, such as earthquakes, floods or storms; however, according to scientists from the CNRS and Université Paris-Saclay they are now increasing at a faster pace. These results, obtained with the support of the AXA Research Fund, are published in the April-May 2023 issue of *Perspectives in Ecology and Conservation*.

https://www.universite-paris-saclay.fr/sites/default/files/2023-04/cp_courchamp_vf_en.pdf



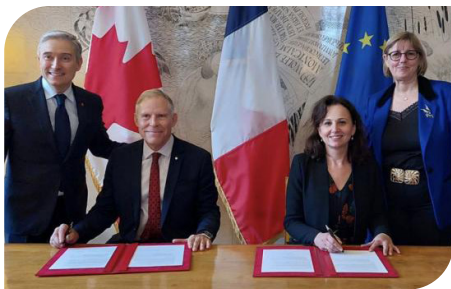
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<https://www.universite-paris-saclay.fr/en/news/inauguration-henri-moissan-site-universite-paris-saclay>



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#International #Canada

CANADA-FRANCE COMMITTEE ON SCIENCE, TECHNOLOGY AND INNOVATION

Estelle lacona, President of Université Paris-Saclay, represented French universities at the first strategic council meeting of the Canada-France Joint Committee on Science, Technology and Innovation (Comix). Estelle lacona also signed a joint statement on behalf of Udice, aimed at developing strategic collaborations and partnerships in research and education between French and Canadian universities.

<https://www.universite-paris-saclay.fr/en/news/canada-france-committee-science-technology-and-innovation>



RESEARCHER PORTRAIT

Araceli Lopez-Martens: *From superdeformed nuclei to superheavy nuclei*

<https://www.universite-paris-saclay.fr/en/news/araceli-lopez-martens-superdeformed-nuclei-superheavy-nuclei>

Looking back

> MAY



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#Student life #Accommodation

UNIVERSITÉ PARIS-SACLAY LAUNCHES THE CASA HOUSING PLATFORM

Launched on 10 May 2023, CASA Paris-Saclay is a new online housing platform which helps future students at Université Paris-Saclay with their search for accommodation.

<https://www.universite-paris-saclay.fr/en/news/casa-housing-platform-universite-paris-saclay>

11

#Research #Astrophysics

JAMES WEBB SPACE TELESCOPE REVEALS COMPOSITION OF PROTOPLANETARY DISC

An international research team including scientists from the CNRS, Université Paris-Saclay and the French Alternative Energies and Atomic Energy Commission (CEA), supported by the French Space Agency (CNES), revealed the chemical composition of a disc of matter rotating around a young star, from which new planets are forming. Surprisingly, this is rich in hydrocarbons, two of which have even been detected in a protoplanetary disc for the first time ever. The findings, published on 11 May in the journal *Nature Astronomy*, were obtained using the MIRI instrument developed by a consortium of laboratories in Europe and the United States.

<https://www.universite-paris-saclay.fr/sites/default/files/2023-05/cpcnrs-chimiedisqueprotoplanjwst-engwebok.pdf>

16

#Research centre #Medicine

THE FIRST GLOBAL CENTRE FOR SEPSIS RESEARCH, EDUCATION AND CARE: THE PROMETHEUS UNIVERSITY HOSPITAL INSTITUTE (IHU) WINS THE IHU 3 CALL FOR PROPOSALS

As part of the France 2030 investment plan, the President of the French Republic announced twelve University Hospital Institutes (IHU) which have won the national IHU 3 call for proposals. The PROMETHEUS IHU project is one of the laureates. Coordinated by Université Paris-Saclay, Université de Versailles Saint- Quentin-en-Yvelines (UVSQ), the French Alternative Energies and Atomic Energy Commission (CEA), Public Assistance - Hospitals of Paris (AP-HP), the National Institute of Health and Medical Research (Inserm) and their academic, non-profit and industrial partners, this future global centre for research, education and care aims to reduce the number of deaths and sequelae caused by sepsis by half within the next ten years.

https://www.universite-paris-saclay.fr/sites/default/files/2023-05/pr_prometheus_university_hospital_institute.pdf



RESEARCHER PORTRAIT

Gaël Varoquaux: AI for everyone

<https://www.universite-paris-saclay.fr/en/news/gael-varoquaux-ai-everyone>

Looking back

> JUNE



12

#Innovation #VivaTech

UNIVERSITÉ PARIS-SACLAY SHOWCASES ITS TECHNOLOGY AND INNOVATION AT THE 2023 VIVATECH TRADE FAIR

Once again, this year, Université Paris-Saclay was a partner of the VivaTech trade fair, Europe's biggest start-up, innovation and tech event. This year's edition took place from 14 to 17 June at Paris Expo Porte de Versailles. The University, its partners and start-ups showcased technologies tackling a wide range of fields, including health, reduced CO² emissions, greener and more inclusive mobilities, and much more.

https://www.universite-paris-saclay.fr/sites/default/files/2023-06/pr_upsacalay_at_viva_tech_23.pdf

15

#Science #Ethics

UNIVERSITÉ PARIS-SACLAY REINSTATES POLÉTHIS, ITS RESEARCH ETHICS AND SCIENTIFIC INTEGRITY COUNCIL

POLÉTHIS oversees actions in research ethics and scientific integrity at Université Paris-Saclay. Placed under the authority of the President's office, POLÉTHIS has been given new statutes. The council has just renewed its members and elected Nathalie Guichard as its Chairwoman.

https://www.universite-paris-saclay.fr/sites/default/files/2023-06/pr_polethis.pdf

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#International #Japan

UNIVERSITÉ PARIS-SACLAY WELCOMES JAPAN'S DEPUTY MINISTER FOR EDUCATION, SCIENCE AND TECHNOLOGY: DISCUSSIONS ON CAREER PROSPECTS FOR RESEARCHERS IN FRANCE AND JAPAN

On 28 June, Prof Estelle Iacona welcomed a delegation led by the Japanese Deputy Minister for Education, Culture, Sports, Science and Technology, Mr Yosei Ide. The delegation also included the First Secretary of the Japanese Embassy in France, Mr Takahiro Ohno, and representatives of Japanese research agencies and institutions.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-welcomes-japans-deputy-minister-education-science-and-technology-discussions-career-prospects-researchers-france-and-japan>



RESEARCHER PORTRAIT

Yvan Martel: *The brilliant career of an expert in nonlinear analysis*

<https://www.universite-paris-saclay.fr/en/news/yvan-martel-brilliant-career-expert-nonlinear-analysis>

Looking back

> JULY - AUGUST



7 JULY

#International

THE ONLINE WELCOME DESK: HELPING INTERNATIONAL STUDENTS AND RESEARCHERS PREPARE THEIR ACADEMIC STAY IN FRANCE

The Online Welcome Desk is a platform which helps international students, PhD candidates and researchers to generate a personalised roadmap of the administrative steps they need to carry out to prepare their stay in France simply and efficiently. The platform is the result of an online tool first developed by Université Paris-Saclay in 2017, the E-International Welcome Office, and a platform belonging to the Université Numérique d'Île-de-France (UNIF). The new platform is now up and running and is currently being shared with interested French higher education institutions.

https://www.universite-paris-saclay.fr/sites/default/files/2023-07/pr_upsaclay_online_welcome_desk.pdf

10 JULY

#Institutional News #Research #Neuroscience

NEUROSCIENCE: A NEW CUTTING-EDGE RESEARCH CENTRE FOR BRAIN RESEARCH

On Wednesday 28 June, the Paris-Saclay Institute of Neuroscience (NeuroPSI) was inaugurated by Estelle lacona, President of Université Paris-Saclay, Laurence Piketty, Deputy Administrator General of the French Alternative Energies and Atomic Energy Commission (CEA), and Antoine Petit, CEO of the French National Centre for Scientific Research (CNRS). Located on the CEA site at Saclay, NeuroPSI is a research institute for fundamental neurosciences with a multidisciplinary and multi-scale approach. It focuses on understanding the brain as a complex dynamic system – a major challenge for 21st century science. Alongside its neighbour, NeuroSpin - a CEA facility, the internationally renowned NeuroPSI is one of the largest research centres for neuroscience in the Paris region.

<https://www.universite-paris-saclay.fr/en/news/neuroscience-new-cutting-edge-research-centre-brain-research>

11 JULY

#Innovation

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<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-university-innovation-cluster-pui>

Looking back

> JULY - AUGUST

13 JULY

#Science and Society #Art #Culture #Partnership

UNIVERSITÉ PARIS-SACLAY PARTNERS WITH THE NEW CENTRE POMPIDOU FRANCILIEN

In 2026, the Musée national Picasso-Paris will share its archive collections with those of the Centre Pompidou at the new Centre Pompidou Francilien – Fabrique de l'art, in Massy. Université Paris-Saclay is a close partner of this exciting project.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-partners-new-centre-pompidou-francilien>



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https://www.universite-paris-saclay.fr/sites/default/files/2023-08/pr_upsaclay_shanghai_2023.pdf



RESEARCHER PORTRAIT

Yann Brenier: *Enriching mathematics with insights from fluid mechanics*

<https://www.universite-paris-saclay.fr/en/news/yann-brenier-enriches-mathematics-insights-fluid-mechanics>

Looking back

> SEPTEMBER



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#Research #6G Networks

NETWORKS OF THE FUTURE: UNIVERSITÉ PARIS-SACLAY, THE CNRS, CENTRALESUPÉLEC AND ORANGE COME TOGETHER TO CREATE A RESEARCH CHAIR FOR SUSTAINABLE 6G

Orange, Université Paris-Saclay, the French National Centre for Scientific Research (CNRS) and CentraleSupélec signed a partnership agreement aimed at boosting innovation and academic research in the design and management of sustainable and energy-efficient 6G networks. The signing of this major strategic partnership on Wednesday 13 September included the launch of a research chair dedicated to sustainable 6G networks, coordinated by the Signals and Systems Laboratory (L2S - Université Paris-Saclay, CNRS, CentraleSupélec), and with the support of the CentraleSupélec Foundation.

<https://www.universite-paris-saclay.fr/en/news/networks-future-universite-paris-saclay-cnrs-centralesupelec-and-orange-come-together-create-research-chair-sustainable-6g>

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#Education #Exiled Students

THE PASSERELLE PROGRAMME FOR EXILED STUDENTS AT UNIVERSITÉ PARIS-SACLAY GETS READY FOR ITS SECOND ACADEMIC YEAR

For the second consecutive year, Université Paris-Saclay welcomed approximately twenty exiled students as part of its Passerelle university diploma programme. The programme is aimed at non-French speaking exiled students (refugees, in subsidiary/temporary protection programmes or asylum seekers) with at least secondary-level qualifications, who would like to start or continue university studies within the French higher education system.

https://www.universite-paris-saclay.fr/sites/default/files/2023-09/pr_passerelle_for_exiled_students_upsaclay.pdf

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#Medical research #Partnership

INSERM AND UNIVERSITÉ PARIS-SACLAY STRENGTHEN THEIR SHARED SCIENTIFIC STRATEGY

On Tuesday 26 September 2023, Université Paris-Saclay and the French National Institute of Health and Medical Research (Inserm) signed a partnership agreement aimed at consolidating their joint scientific strategy, implemented predominately in their shared laboratories.

<https://www.universite-paris-saclay.fr/en/news/inserm-and-universite-paris-saclay-strengthen-their-shared-scientific-strategy>



RESEARCHER PORTRAIT

Paul Leadley: *Studying the impacts of global change on biodiversity*

<https://www.universite-paris-saclay.fr/en/news/paul-leadley-studying-impacts-global-change-biodiversity>

Looking back

> OCTOBER

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#Research #Digital

LAUNCH OF THE “FUTURE OF DIGITAL COLLABORATION” RESEARCH PROGRAMME (PEPR ENSEMBLE)

On Thursday 5 October, the CNRS, Inria, Université Grenoble Alpes and Université Paris-Saclay organised a morning event to launch the “Future of Digital Collaboration” research programme, also known as eSEMBLE. Financed as part of the France 2030 investment plan and coordinated on behalf of the French government by the French National Research Agency (ANR), the multidisciplinary programme aims to invent the digital collaborative tools we will use in the future. The programme will bring together approximately one hundred teams working in computer science, humanities and social sciences from over fifty laboratories in France.

<https://www.universite-paris-saclay.fr/en/news/launch-future-digital-collaboration-research-programme-pepr-ensemble>

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#Awards and distinctions #Women researchers

8 YOUNG WOMEN RESEARCHERS FROM UNIVERSITÉ PARIS-SACLAY WIN THE 2023 FRENCH YOUNG TALENTS AWARD

The winners of the 17th edition of the L'Oréal-UNESCO Foundation French Young Talents awards for Women and Science were announced in October. Thirty-five talented young women researchers were selected from among 618 applications of 59 different nationalities and 94 doctoral schools. Université Paris-Saclay is proud of its eight laureates in 2023.

<https://www.universite-paris-saclay.fr/en/news/8-young-women-researchers-universite-paris-saclay-win-2023-french-young-talents-award>



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#EUGLOH #European University Alliance

EUGLOH: UNIVERSITÉ PARIS-SACLAY STRENGTHENS ITS EUROPEAN UNIVERSITY PARTNERSHIPS

As a member of the European University Alliance for Global Health (EUGLOH) since 2019, Université Paris-Saclay is strongly committed to the values of sharing and working together across Europe. With this in mind, the University's Vice-Presidents for International Relations visited two of its European partners: the University of Novi Sad (Serbia) and the University of Porto (Portugal), as part of a drive to strengthen existing ties and identify potential opportunities for new collaborations.

<https://www.universite-paris-saclay.fr/en/news/eugloh-universite-paris-saclay-strengthens-its-european-university-partnerships>



RESEARCHER PORTRAIT

Jacqueline Cherfils: *From molecular switches to drugs*

<https://www.universite-paris-saclay.fr/en/news/jacqueline-cherfils-molecular-switches-drugs>

Looking back

> NOVEMBER



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#Research #Green Hydrogen

ELOGEN, CNRS AND UNIVERSITÉ PARIS-SACLAY CREATE A JOINT LABORATORY TO FACILITATE INDUSTRIAL-SCALE PRODUCTION OF GREEN HYDROGEN

On Thursday 9 November 2023, Elogen, a French leader in PEM electrolysis - a promising technology for the production of green hydrogen -, CNRS and Université Paris-Saclay signed a partnership agreement to create a joint research laboratory.

https://www.universite-paris-saclay.fr/sites/default/files/2023-11/pr_upsaclay_elogen_cnrs_lab.pdf

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#Foundation #Patronage

UNIVERSITÉ PARIS-SACLAY LAUNCHES A NEW FOUNDATION

Université Paris-Saclay launched its new Foundation, strategically positioned to meet the university's international objectives and deal with the complexity of the great challenges of the 21st century: inclusion, climate change, health and threats to biodiversity. The university's Governing Board unanimously voted in favour of adopting the Foundation's new statutes and appointed Patrick Duvaut as its Chairman, with immediate effect and for a period of four years.

<https://www.universite-paris-saclay.fr/en/news/universite-paris-saclay-launches-new-foundation>



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#Honorary degree

ANNE L'HUILLIER, LAUREATE OF THE NOBEL PRIZE IN PHYSICS 2023, DOCTOR HONORIS CAUSA FROM UNIVERSITÉ PARIS-SACLAY

On 13 November 2023, Université Paris-Saclay had the honour of awarding Anne L'Huillier, laureate of the Nobel Prize in Physics 2023 and Professor of Atomic Physics at Lund University, Sweden, the prestigious title of Doctor Honoris Causa. Alain Aspect, laureate of the Nobel Prize in Physics 2022, was the ceremony's guest of honour.

https://www.universite-paris-saclay.fr/sites/default/files/2023-11/pr_anne_lhuillier_doctor_honoris_causa_universite_paris-saclay.pdf



RESEARCHER PORTRAIT

Anne-Claude Ambroise-Rendu: A committed historian of media, pedo-criminality and ecology

<https://www.universite-paris-saclay.fr/en/news/anne-claude-ambroise-rendu-committed-historian-media-pedo-criminality-and-ecology>

Looking back

> DECEMBER

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#Institutional news #Sustainable development #IPCC

UNIVERSITÉ PARIS-SACLAY HOSTS AN IPCC TEAM AT ENS PARIS-SACLAY

As of 1 December 2023, Université Paris-Saclay is hosting the Intergovernmental Panel on Climate Change (IPCC) Working Group I Technical Support Unit (TSU). Hosted at ENS Paris-Saclay, the team of approximately fifteen people in the long term, will provide scientific, technical, operational and communication support to the members of the Working Group I Bureau and to all authors for the preparation and production of IPCC climate assessment reports.

https://www.universite-paris-saclay.fr/sites/default/files/2023-12/pr_upsaclay_hosts_ipcc_wg1.pdf



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#Alumni #Conference

LAUNCH OF NOS BELLES HISTOIRES: THE FIRST IN A SERIES OF ALUMNI CONFERENCES WITH BERTRAND SERLET

On Tuesday 12 December 2023, Université Paris-Saclay launched a new series of alumni conferences aimed at its student community. The *Nos belles histoires* (Our inspiring stories in English) conferences are designed to give centre stage to inspiring figures and give them the chance to share the story behind their success. The series' inaugural conference welcomed the renowned software engineer, Bertrand Serlet, who spoke about the lessons he learnt from his mentors.

<https://www.universite-paris-saclay.fr/en/news/alumni-conference-bertrand-serlet>



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#Heritage #Scientific culture

INAUGURATION OF THE ALBARELLE MUSEUM

On Monday 18 December 2023, the Faculty of Pharmacy at Université Paris-Saclay celebrated the installation of the Albarelle museum in its new building, Henri Moissan. The Albarelle museum is dedicated to the history of medicine, pharmacy and health. It was established in 1992 by the Albarelle association to mark the 20th anniversary of the Faculty of Pharmacy at Université Paris-Saclay.

<https://www.universite-paris-saclay.fr/en/actualites/inauguration-albarelle-museum>



RESEARCHER PORTRAIT

Elias Fattal: *Delivering drugs as close to their target as possible*

<https://news.universite-paris-saclay.fr/en/news/elias-fattal-delivering-drugs-close-their-target-possible>

UNIVERSITÉ PARIS-SACLAY:

A few facts & figures

- 10 constituent faculties and institutes
- 4 component institutions – *grandes écoles*
- 1 Institut des Hautes Etudes Scientifiques (IHES)
- 7 national research organisations
- 220 laboratories
- 8,100 researchers and academic staff members
- 13,000 scientific articles per year
- 50,000 students
- 4,500 PhD candidates
- 50 start-ups created per year

PRIZES & DISTINCTIONS

- 5 Nobel Prizes
- 11 Fields Medals
- 26 Highly Cited Scientists



ARWU, Academic Ranking of World Universities, October 2023

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