Recrutamento Coordenado 2025 – BRASIL

PROMOCAO IN SITU (JUNHO DE 2025)

ParisTech
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Nosso Recrutamento

- **NAO SE TRATA DE UM CONCURSO :**

Trata-se de um processo de seleção, realizado conjuntamente com os parceiros no Brasil.

- **NAO ENVOLVE EQUIVALENCIA DOS ESTUDOS NA FRANCA E NO BRASIL :**

Cada estudante se candidata a tópicos disciplinares / modelos pedagógicos / estágios que, a priori, não estariam ao seu alcance na universidade de origem.

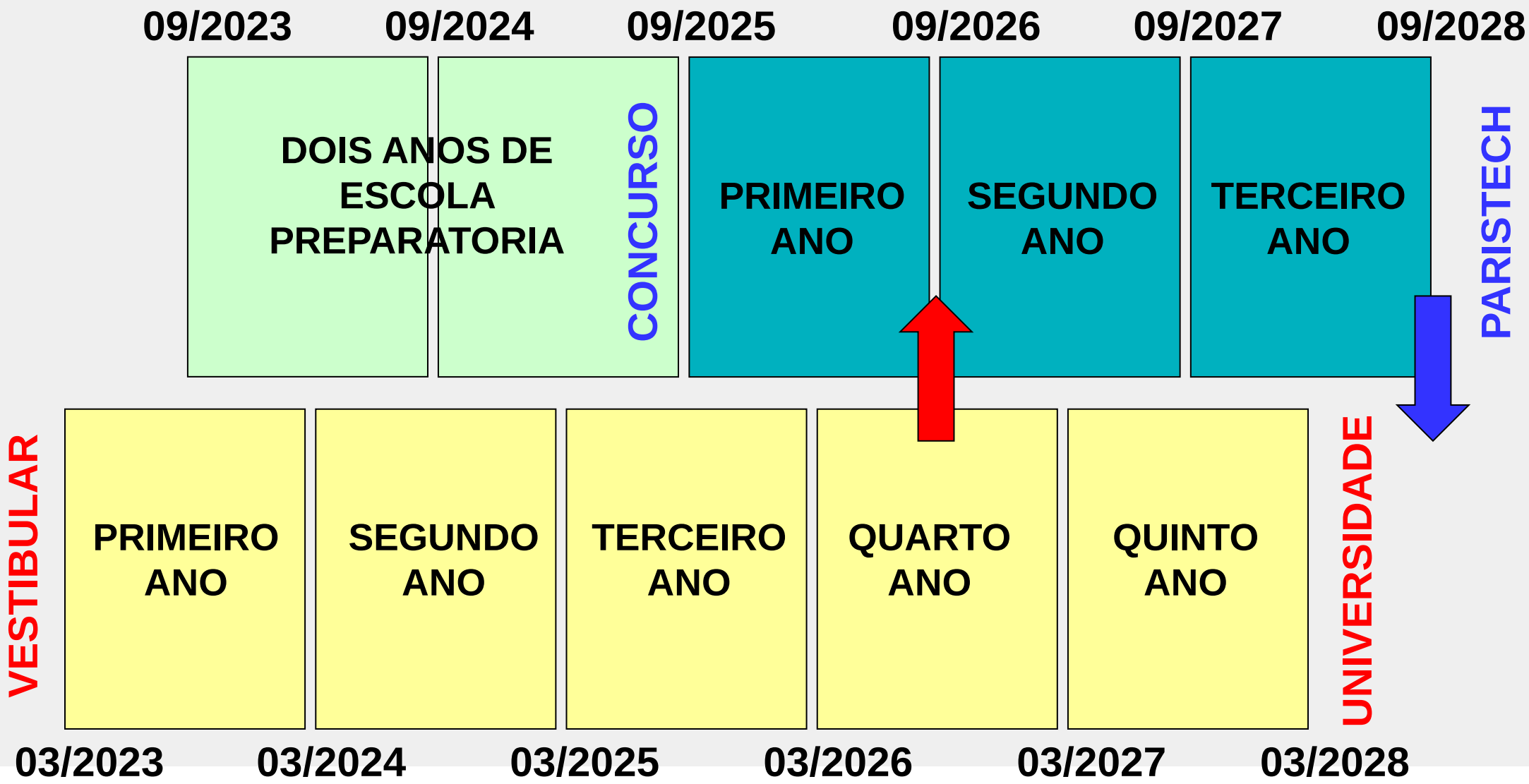
- **BUSCA UMA BOA ARTICULACAO ENTRE PARCEIROS :**

Após seu retorno à universidade de origem, cada estudante não deveria retomar seu curso de engenharia / ciências exatas exatamente no ponto em que o deixou… (>> importância dos acordos, dos programas de estudos, minimizando na medida do possível a duração final requerida para a obtenção dos dois diplomas).

- **NAO ENVOLVE A ATRIBUICAO DE BOLSA DE ESTUDOS :**

Uma vez concluída a fase de seleção, cada estudante participa de um ou mais processos de candidatura à uma bolsa de estudos (Eiffel na França, CAPES no Brasil, fundações das escolas, bolsas industriais, etc).

Calendarios escolares



Nosso Recrutamento

- inscrições abertas a partir do dia **21 de junho de 2025**

- teste acadêmico “online” **final de setembro**
- **PRINCIPAL OBJETIVO DO TESTE ACADEMICO :**

  -- avaliar a coerência entre o curso seguido na universidade de origem e o projeto de mobilidade para uma ou mais escolas de nosso grupo

- entrevista de motivação no Brasil na semana de **13 a 17 de outubro**
- **PRINCIPAL OBJETIVO DA ENTREVISTA DE MOTIVACAO:**

  -- avaliar a maturidade do candidato com vistas à mobilidade

- **DUVIDAS: brazil-admission@paristech.fr**

Financiamento

- **POSSIBILIDADES DE FINANCIAMENTO:**

A. bolsas Eiffel (Campus France, governo francês) !

-- Muita concorrência, mesmo entre excelentes estudantes (primeiro da turma, etc);
-- Valor mensal de ~1300 euros (bolsa + auxilio moradia), e passagem aérea

B. bolsas CAPES / BRAFAGRI (governo brasileiro) :

-- Valor mensal de ~1300 euros (bolsa + auxilio moradia), e passagem aérea

C. auxilio das « Fondation » :

-- Concorrência entre muitos estudantes sem bolsa de estudos

D. alternância (« apprentissage », « apprenticeship ») :

-- Seleção interna à escola, identificação da empresa, etc;
-- Salário durante os estudos na França

©Lotfi Dakhli - Arts et Métiers

Nossas Escolas

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Principais Especialidades

	AgroParisTech	Arts et Métiers	PSL	ESPCI PARIS PSL	Institut d'Optique Graduate School – Université Paris-Saclay	Mines Paris PSL
Mathematics & applications						✓
Information and communication sciences and technologies					(✓)	✓
Life sciences, Food engineering	✓		✓	✓		
Earth sciences and environmental engineering	✓					✓
Physics, optics				✓	✓	✓
Chemistry			✓	✓		
Energy		✓	✓			✓
Material science, mechanics and mechanical engineering		✓	✓	✓		✓
Industrial engineering		✓				✓
Transport		✓				✓
Economics and social sciences, management, statistics	✓					✓

Synthèse globale – **2024** (2023 2022 2021)

Université	Dossiers Complets	Eligibles Test	Présents Test	Appelés Entretien	Retenus	Admis Agro	Admis A & M	Admis Chimie	Admis ESPCI	Admis IOGS	Admis Mines	Admis (TOTAL)
USP	**14** 12 17 14	**13** 12 16 13	**13** 12 16 13	**10** 4 14 9	**9** 4 9 7	**4** 1 2 3	**1** 1 1	**2** 1 0			**1** 3 0 1	**8** 4 4 5
UNICAMP	**30** 22 35 51	**29** 19 33 47	**27** 19 32 46	**24** 16 23 32	**19** 11 16 22	**5** 1 2 0	**6** 2 7 5	**2** 1 3 5	**4** 2 1 3	**1** 1 2 3	 0 1	**18** 7 15 17
UNESP	**2** 1 5 9	**2** 1 4 8	**2** 1 4 8	**1** 0 2 6	**1** 0 2 5	 2 2	**1**	 0 0				**1** 2 2
UFSCAR	**9** 29 13 11	**9** 29 12 11	**9** 28 12 11	**8** 14 7 6	**5** 12 4 3		**2** 5 2 1	**2** 2 2 1	**1** 2 0 0			**5** 9 4 2
UFMG	**10** 18 13 27	**10** 15 11 23	**9** 13 11 22	**8** 11 6 15	**6** 9 5 6	 1 0 1	**5** 4 3 1	 2 2 2	 0 0			**5** 7 5 4
UFRJ	**7** 13 26 36	**6** 13 24 25	**6** 13 20 24	**5** 10 14 12	**3** 6 7 4	 1 1	**3** 3 2 2	 2 1	 1 1 0		 1 0 0	**3** 5 6 4
PUC-RJ	**1** 1 0 1	**1** 1 0 0	**1** 1 0 0	**1** 1 0 0	**1** 1 0 0		 1	**1**				**1** 1
UFSC	**1**	**0**										
UFRGS	**5** 9 6 0	**5** 7 5 0	**5** 7 4 0	**5** 5 3 0	**4** 3 1 0		**2** 1	**1**		 1		**3** 2
TOTAL	**79** 105 115 149	**75** 97 105 127	**72** 94 99 124	**62** 61 69 80	**48** 46 44 47	**9** 3 7 7	**20** 16 15 10	**8** 5 10 9	**5** 5 2 3	**1** 2 2 3	**1** 4 0 2	**44** 35 36 34

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_01

AgroParisTech

National Institute of Technology for Life, Food and Environmental Sciences

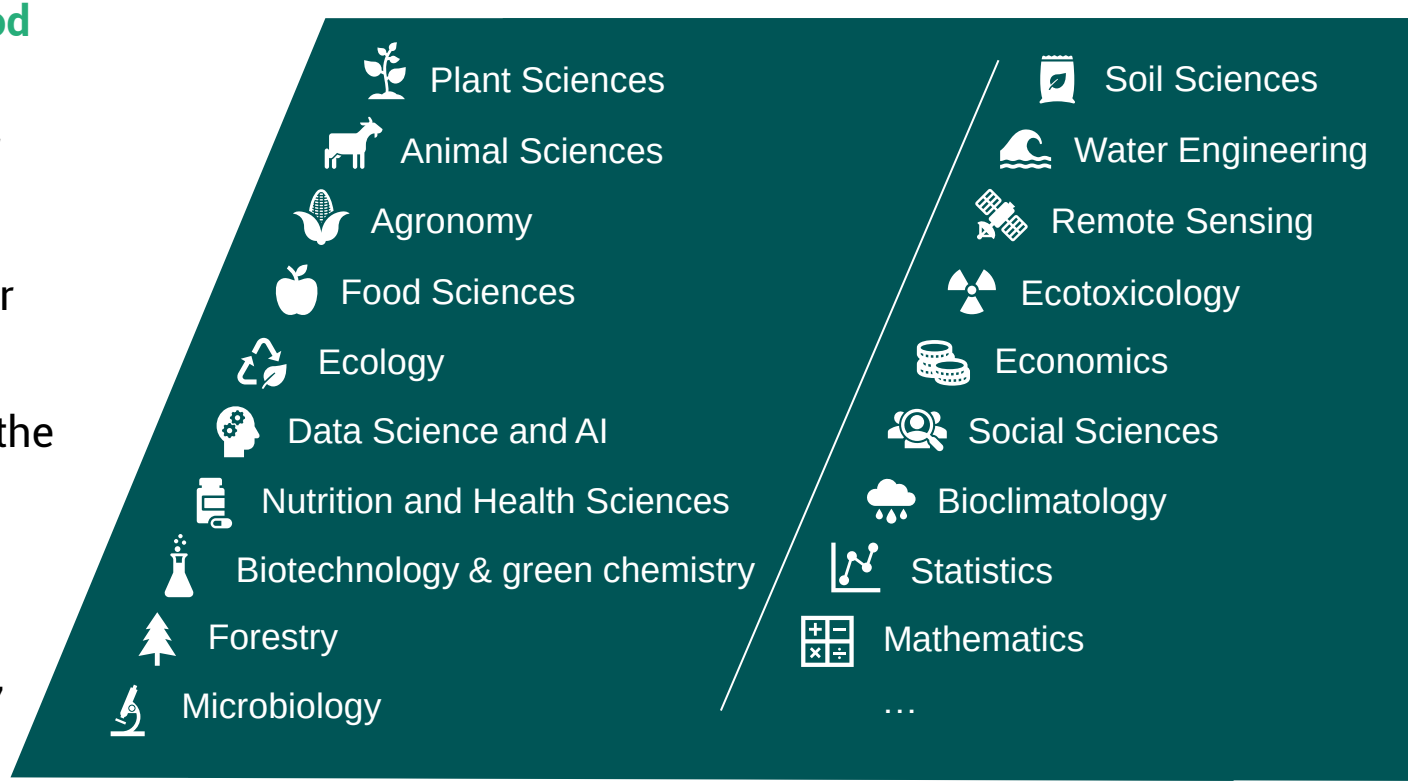
Under the authority of the French Ministry of Agriculture and Food

An internationally recognized player in higher education and research for 200 years

Working to address the major challenges of the 21st century:

- Feeding humankind through sustainable land management,
- Protecting natural resources and ecosystems,
- Fostering innovation,
- Integrating bioeconomy.

Our Disciplines



Key figures

3,000
students and apprentices enrolled at all levels

Apprentices	**6%**
Ph.D. students	**12%**
Engineering students	**50%**

1st
in our disciplines in French national rankings

20%
international students

500
engineers, technicians, and administrative staff

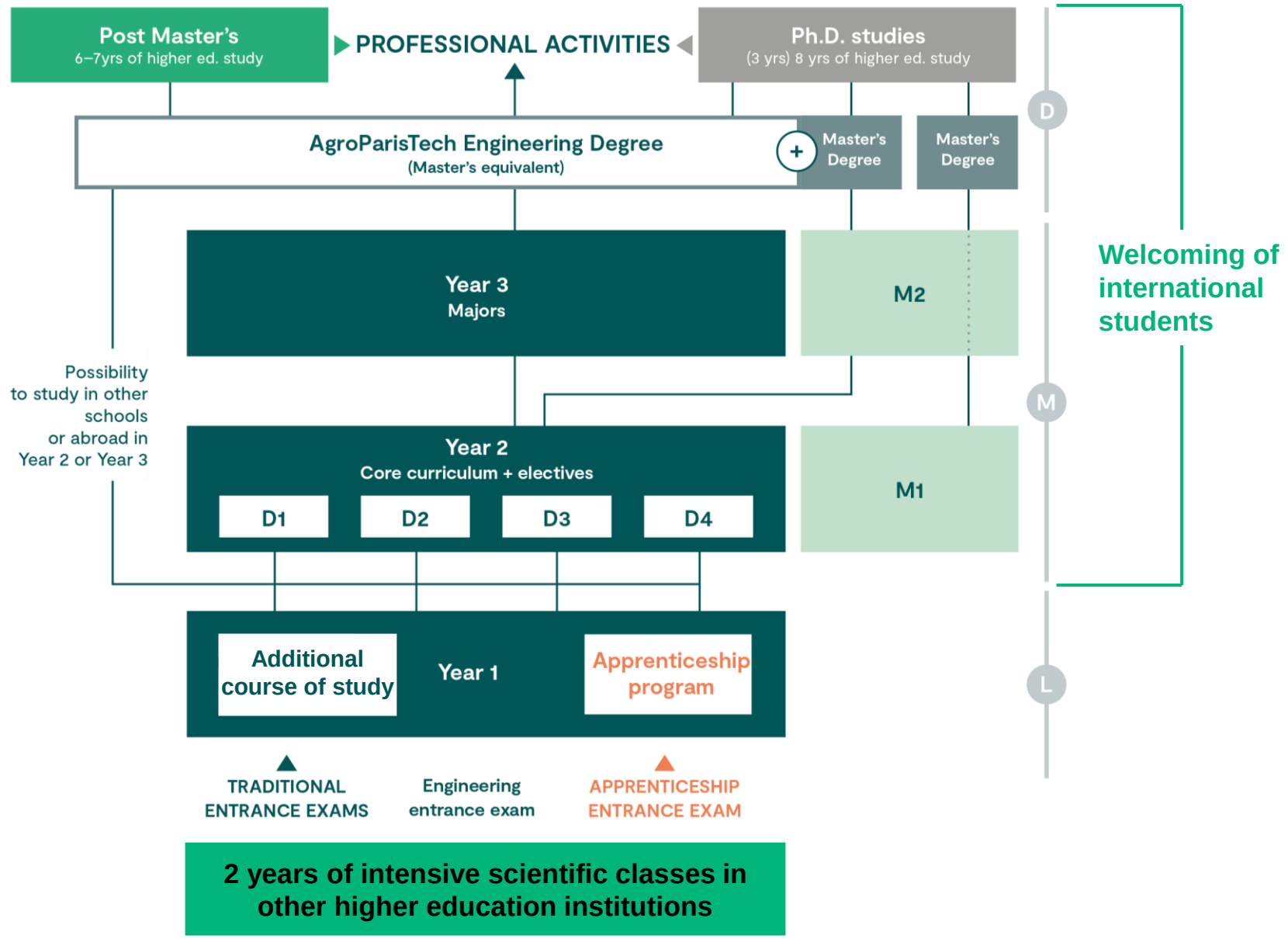
24
joint research units with major national research organizations (INRAE, Cirad, CNRS, etc.)

250
teachers, faculty and research staff and scientists

5
InnLabs: collaborative experimental spaces

8 sites in mainland France and the French overseas territories

02 Education



Engineering Program

A unique interdisciplinary educational model
Centered on the acquisition of sound scientific and technical knowledge
Enhanced by the inclusion of economics and social sciences
Integrated into the public and private sectors and the world of research
Hands-on, project-based training and internships

Taught in French

Can be completed as a traditional academic course of study or an apprenticeship program

Allows students to tailor their studies through elective courses and numerous study tracks

Support for developing an individualized career plan and finding a job

4 exploration fields in year 2

- Sustainable development: productions, resources and territories
- Food engineering, biomolecules and energy
- Environmental management and engineering
- Engineering and Health: human, bioproducts and environment

+20 specialities in year 3

agroparistech.fr

Apprenticeship

A work-based learning program combining your studies with practical work experience within a company.
Apprentices have to sign a work contract with an employer. This contract is ruled by the French labour law and must cover the whole duration of their studies (2 years).
They follow the exact same curriculum as other students (mandatory courses, exams, student life, etc.) but with a different schedule as they rotate between study periods at AgroParisTech and work periods in a company.

They also graduate with the exact same diploma.

Tuition fees paid by the company

A monthly salary of a legal minimum of 800€

5 weeks of paid vacation per year

Open to all Engineering students

Personalized coaching

Educational activities designed to introduce students to the world of research and related careers

Specific additional courses

Information on PhD programs, research and the diversity of jobs in research

The *Entrepreneurship* track

Since 2014, this program is enabling students interested in founding their own company to:

- organize a project
- assess an idea
- analyze a market
- identify a strategic opportunity
- fund a project
- create a business model
- develop a strategic vision
- protect an idea or project
- communicate with professionals

Improves the transfer of research conducted in AgroParisTech's labs and simplifies the pathway from invention to innovation.

+50 research contracts
signed each year

+100 projects supported
since the creation of the Entrepreneurship track

15 businesses founded
on average each year by students and alumni

InnLabs: Collaborative Experimental Spaces

AgroParisTech encourages the creation of unique collaborative spaces: InnLabs.

Designed and developed to create new interactions to pursue our three-pronged focus: **education, research, and innovation**.

5 InnLabs currently active

Biotech'InnLab Reims,
industrial biotechnology for the production of molecules

Farm'InnLab Grignon,
experimental farm

Forest'InnLab Nancy,
territorial innovation in the field of forestry

Food'InnLab Palaiseau,
sustainable food and Food Tech

Territoires'InnLab Clermont-Ferrand,
new digital and ecological tools for territorial development

_03 International

Internationalization occupies a prominent place:

Multiple languages taught

Students and researchers enjoy a wide range of experiences abroad

Numerous partnerships and joint projects implemented

Hosting of international undergraduate and graduate students on study or research programs

Through the diversity of their experiences and cultures, international students contribute to AgroParisTech's goal of achieving greater internationalization.

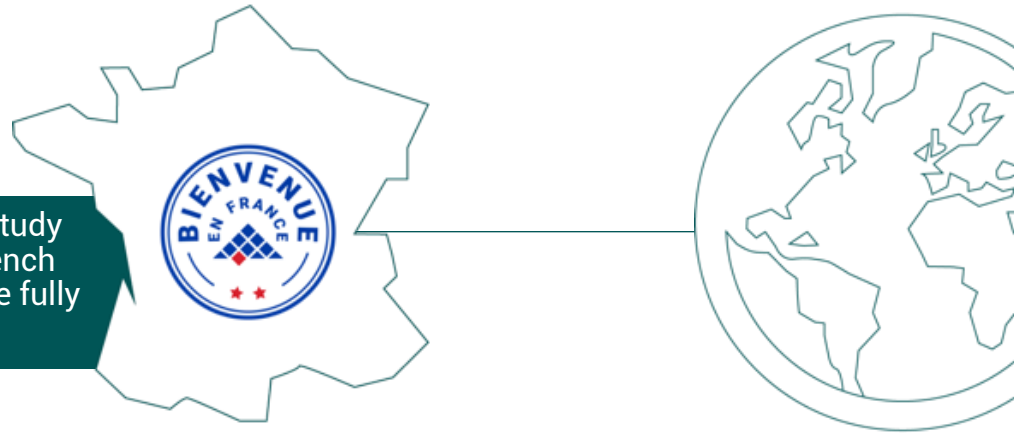
Key figures

+300 international students enrolled each year

20% international students

48 different nationalities

The "Bienvenue en France" label is a testament to the excellent study conditions AgroParisTech offers to its international students. French students play a key role in welcoming them and ensuring they are fully integrated.



Support to students

Visa process
Receive all necessary documents for submitting your application on time.

Student housing
A wide range of accommodation is available close to each campus, including student residences and private housing.

Student life
Student organizations from the different campus run a dynamic student life and are committed to the integration of international students.

From AgroParisTech to the job market
A minimum of 8 months work experience for students seeking the Engineering Degree, Forum Vitae, company visits, personalized follow-up, Career Center...

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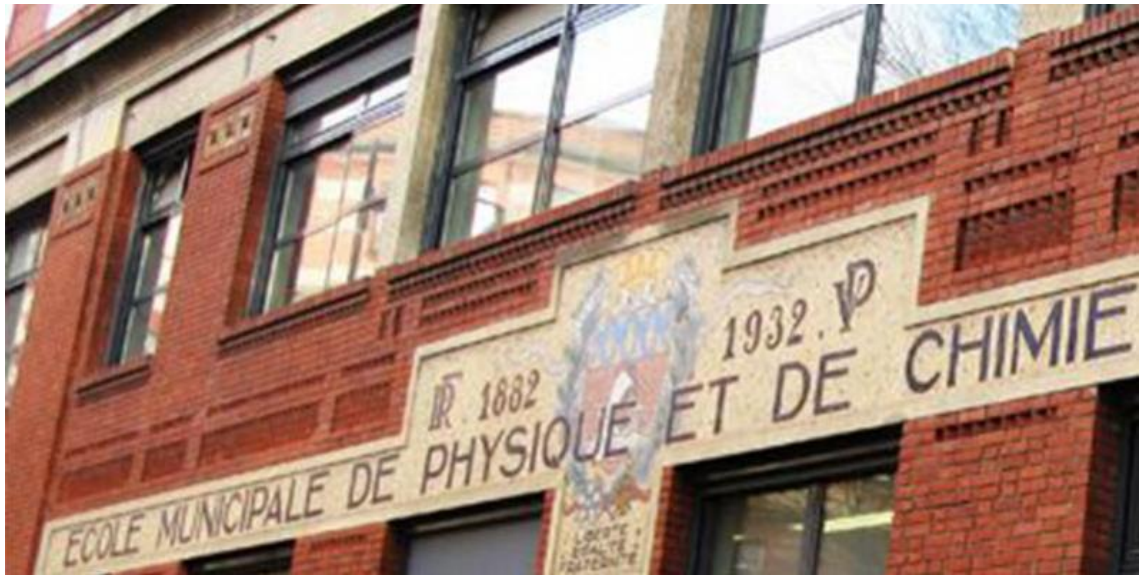


6
NOBEL PRIZES

≃ 500
SCIENTIFIC PUBLICATIONS EACH YEAR, OR MORE THAN ONE PER DAY

85
STUDENT-ENGINEERS PER GRADUATING CLASS

11
JOINT RESEARCH LABORATORIES

522
RESEARCHERS, PROFESSOR-RESEARCHERS, POSTDOCTORAL AND PHD STUDENTS

3
START-UPS CREATED ANNUALLY

70%
OF STUDENT -ENGINEERS CONTINUE WITH A PHD

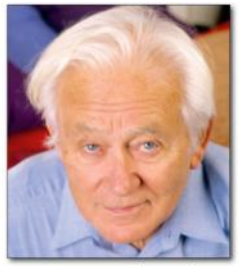
Pierre **Curie** (Associate Prof.) Marie **Curie** (Researcher)
Physics Nobel Prize
(1903 - discovery of radium)

Marie **Curie**
(Researcher)
Chemistry Nobel Prize
(1911 - isolation of pure radium)

Frédéric **Joliot-Curie**
(ESPCI graduate)
Chemistry Nobel Prize
(1935 - artificial radioactivity)

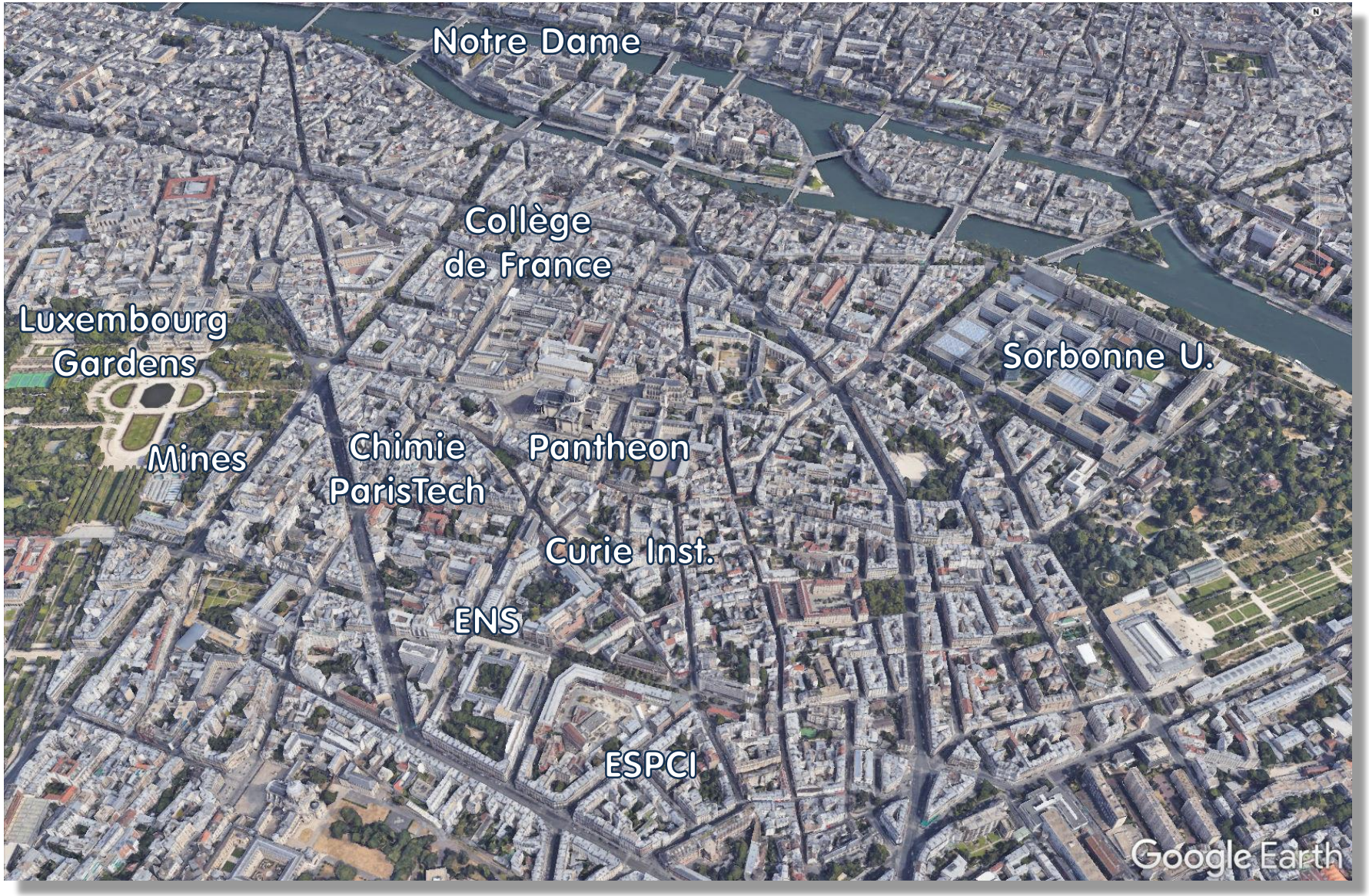
Pierre-Gilles **de Gennes**
(Director 1976 to 2002)
Physics Nobel Prize
(1991 - polymers, liquid cristals, soft matter)

Paul **Langevin**
(ESPCI graduate, Director 1925 to 1946)
Professor at Collège de France
(sonar, theory of magnetism, etc.)



Georges **Charpak**
(Distinguished Prof.)
Physics Nobel Prize
(1992- particle detection chambers)

Location, location, location



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Training

Multidisciplinary Engineering Training through Physics, Chemistry & Biology

Quantum Materials
Organic & Inorganic synthesis
Mesostructures
Optics
Chemical Engineering
Solid State Physics
Biophysics
Machine Learning
Microfluidics
Soft Matter
Acoustics Imaging
Molecular & Polymer chemistry
Bioengineering
Complex Materials
Environment
Soft Nanotechnology
Artificial Intelligence

Mentoring

80 ESPCI Teachers and Professors
100+ Classes by scientists
< 300 students in total

Classes

Lectures: 90 students
Problem solving: 30 students
Advanced topics: < 10 students
52% lab classes

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Innovation

- 3 start-ups per year
- Multidisciplinary approach
- Incubator within ESPCI

EOS imaging
$51M IPO
2012

timereversal COMMUNICATIONS
Sold
2011

echosens
Sold $30M
2011

sensitive object
Sold $62M
2010

inventel wireless magic
Sold $130M
2005

SUPERSONIC imagine
The Theragnostic Company™
$37M raised April 2013
($130M total)

RainDance Technologies
$20M raised
April 2013

CYTOO
$10M raised
November 2011

Withings
$30M raised
July 2013

LLTECH
LIGHT FOR LIFE TECHNOLOGIES
$4M raised
2011

capsum
science designed for cosmetics
$2M raised (2011)
$5M revenue
35 employees
27 patents

sculpteo
$3M raised (2012)
$2M revenue
20 employees

invoxia
$2M raised (2012)
$1M revenue
20 employees

VisionObjects
$10M revenue
20M users

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Research

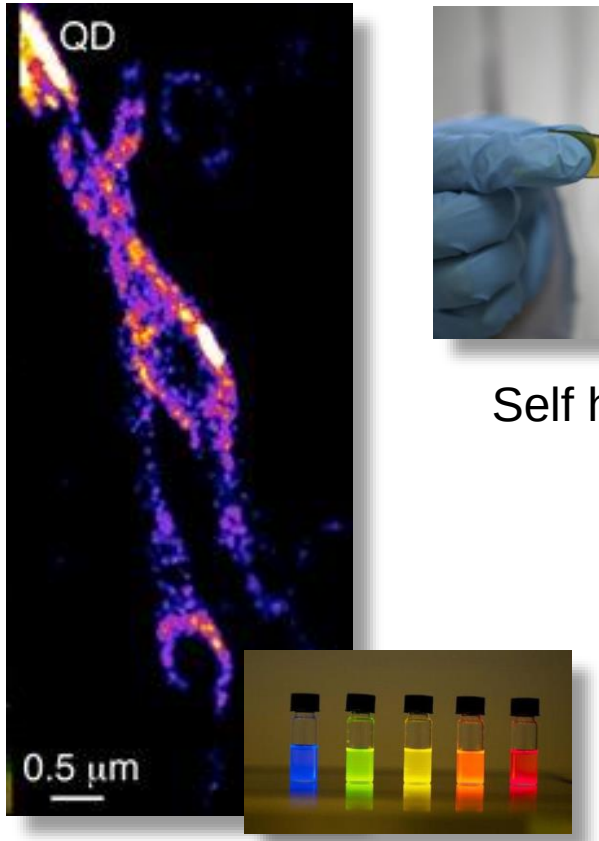
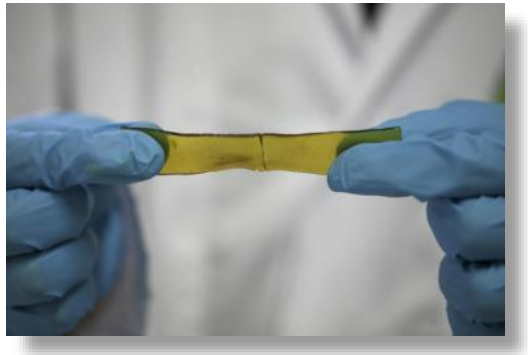
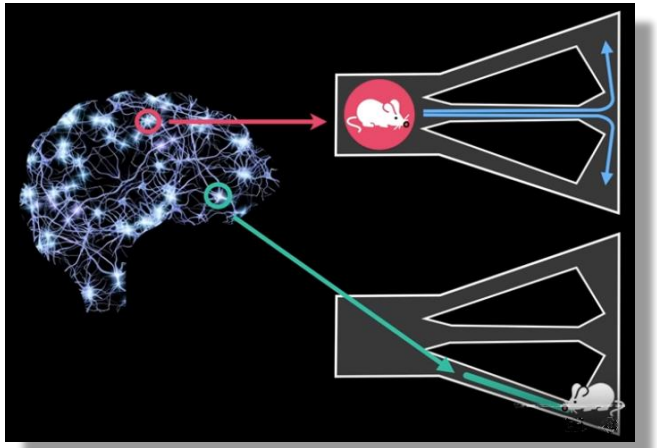


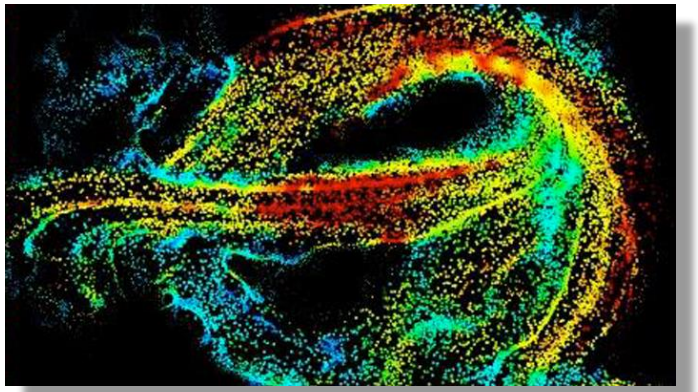
Image reconstruction
Cannabis effect on neurons



Self healing polymers



Neurofeedback



Ultrafast, ultra-high-resolution ultrasound imaging (brain vascularity)

Smart cars

Gravitational waves detection (VIRGO)

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Fostering Talents for Tomorrow's Chemistry

Chimie Paris ParisTech | PSL

Charles Friedel
Founder
(1896)

Nobel Prize
Henri Moissan
Former Director

Eugène Schueller,
Alumni
(1909)

L'ORÉAL

500

Highly selected students
(50% of women)

Researchers, Professors &
Associate Professors

140

>20 %
international students

20% **Business, management and human skills**

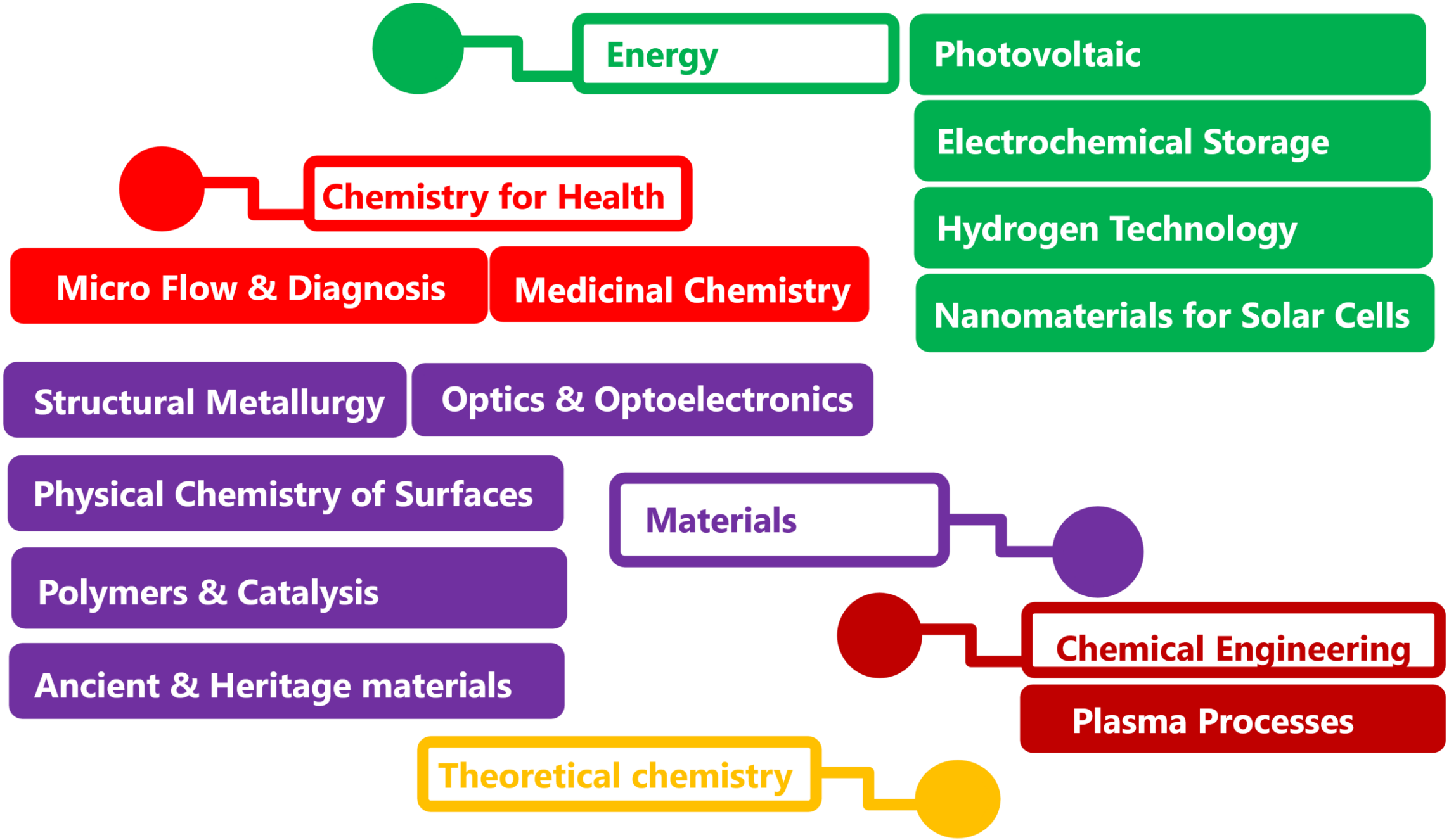
12 months

Mandatory internship
(engineering curriculum)

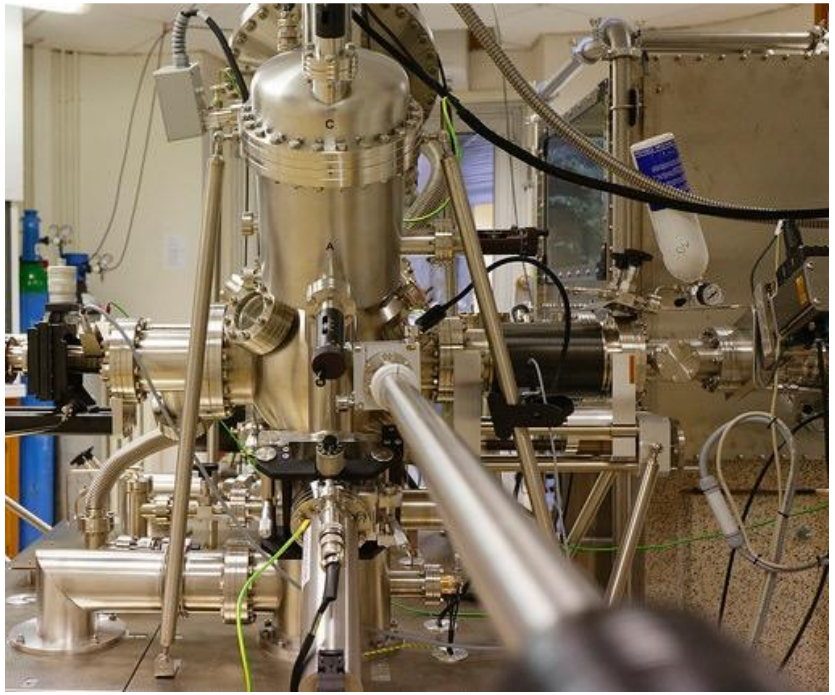
40%

Practical training

training by research
7 pub. per week


Energy
Photovoltaic
Electrochemical Storage
Hydrogen Technology
Nanomaterials for Solar Cells
Chemistry for Health
Micro Flow & Diagnosis
Medicinal Chemistry
Structural Metallurgy
Optics & Optoelectronics
Physical Chemistry of Surfaces
Polymers & Catalysis
Ancient & Heritage materials
Materials
Chemical Engineering
Plasma Processes
Theoretical chemistry

Our Vision



Provide **basics & fundamentals** courses in all fields of chemistry **illustrated by a cutting-edge research**

Chimie Paris
ParisTech
PSL

Second Year: New Applications & Innovation (1st year DD students)

1 Sep-31 Dec

Common bases

- Materials & Processes
- Molecular and Biological Chemistry
- Physical Chemistry
- Innovation & Digital
- Human Resources Management
- English

1 Jan-30 Mar

1 option amongst 6

- Materials Processes
- Molecular Chemistry
- Analytical and Biological Chemistry
- Biotechnologies
- Nuclear

- Innovation Team project
- Human resources management
- English

1 Apr-30 Aug

Paid Internship
(4-5 months)

Energy Environment Materials Health

Chimie Paris
ParisTech
PSL

Third Year: Specialization & Entrepreneurship (2nd year DD students)

1 Sep-31 Dec

Specializations (4 teaching units min.)

- Biotechnologies
- Physical chemistry for formulation and cosmetology
- Processes & Sustainable materials
- Industrial processes
- Energy
- Green chemistry and ecodesign
- Management, innovation & consulting
- Industry 4.0

- Management
- English

1 Feb-31 Jul

Paid Internship
(6 months)

Energy Environment Materials Health

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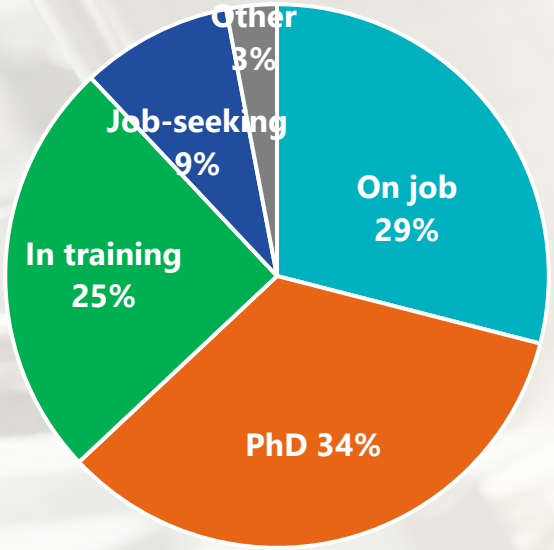
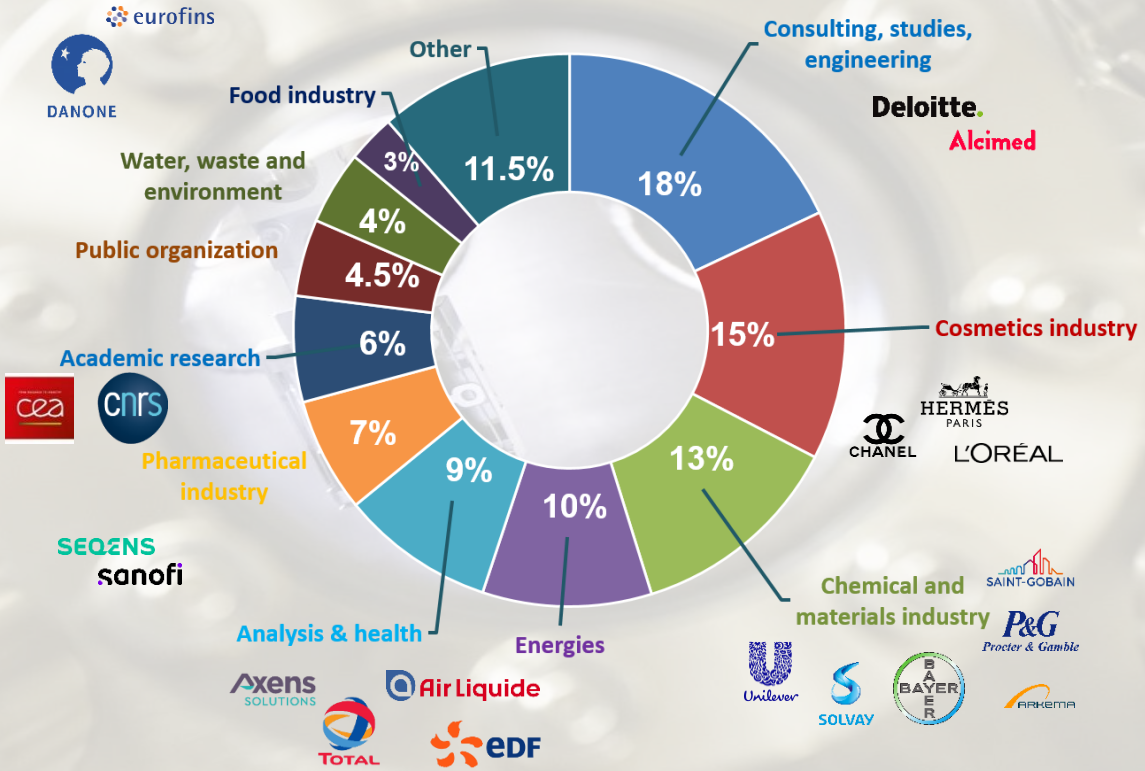
EMPLOYABILITY OF OUR ENGINEERS

Professional integration of engineers (class of 2024)



Business segments



Energy Environment Materials Health

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INTERNATIONAL STUDENTS INFORMATION

- **Registration fees**
  - ✓For students from our DD partners: 0 €
  - ✓1785 € per year for scholarships recipients
  - ✓For individual applicants: 3,570 € per year
- **Accommodation**
  - ✓For students from our DD partners: room in a university hall of residence (as best as we can)
  - ✓For individual applicants: not provided
- **Administrative procedures guided by PSL Welcome Desk**
  - ✓For validation and renewal of residence permits, registration with the French Social Security system, insurance, opening a bank account, accommodation, etc.
- **Tutoring by professors if needed**
- **Mentoring by senior students**
- **Active participation in student activities**
- **Intensive language training programs**

Energy Environment Materials Health

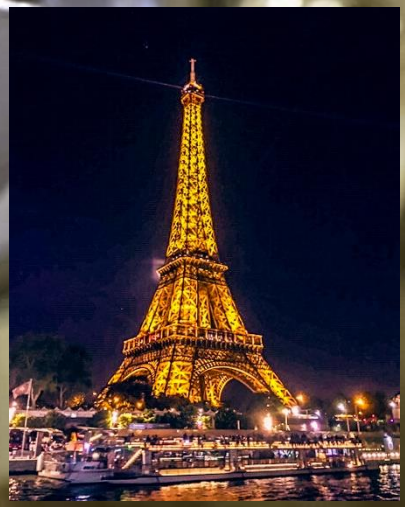
Chimie Paris

ParisTech

PSL

CONCLUSIONS

Shape the Chemistry of Tomorrow & Get the Best Experience of Paris



Energy Environment Materials Health

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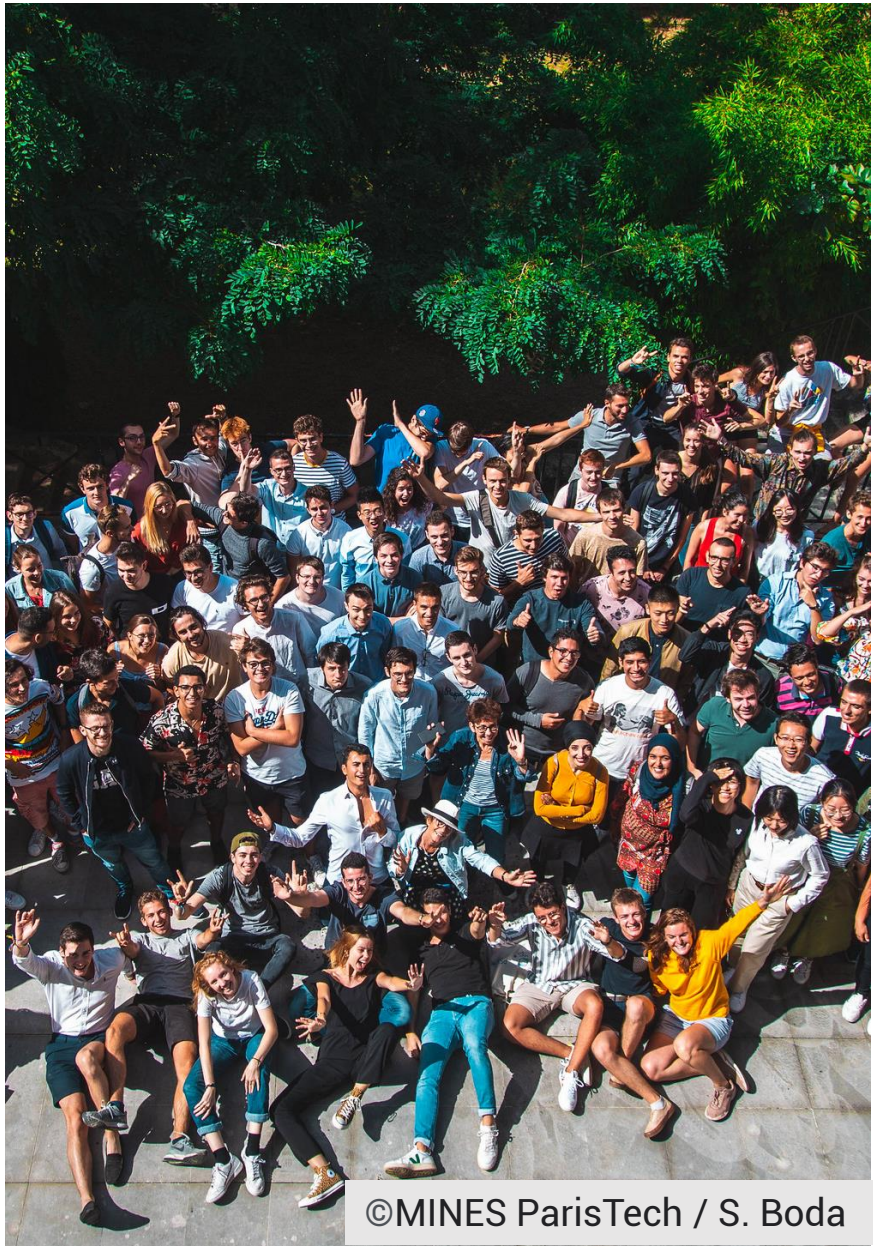

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OVERVIEW

- Founded in 1783 and evolving strongly over the centuries
- Reporting to the Ministry of Industry and Finance
- We are part of *Paris Sciences et Lettres* Research University

THE WORLD UNIVERSITY RANKINGS

2023
47th
worldwide
1st in France

QS WORLD UNIVERSITY RANKINGS

2023
26th
worldwide
1st in France

l'Etudiant

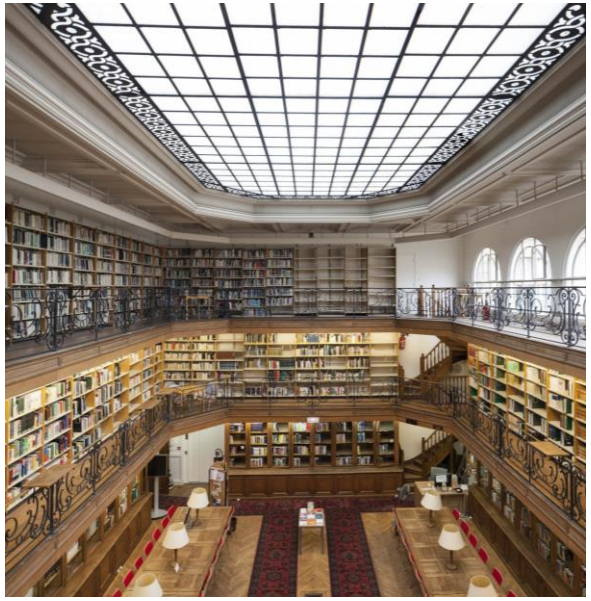
2023
1st
Academic
excellence
30p

étudiant

2023
3rd
in France

Facts & figures

- **1,023** permanent staff including **237** research academics
- **1,409** graduate students
- **392** PhD students



1500 students

200 industrial partners

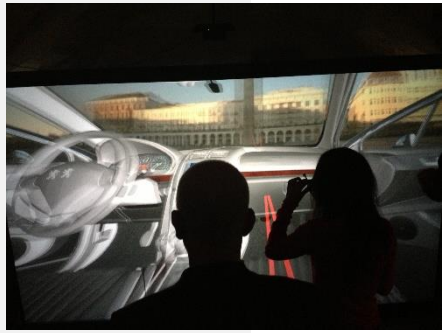
300 degree awarded per year

237 researchers & professors

RESEARCH

1st
University in France for the amount of contractual research

2 Nobel prizes
Maurice ALLAIS - Economics - 1988
Georges CHARPAK – Physics - 1992



18 research centers

20 industrial chairs

100 Phd degree awarded per year

Research oriented to the economic world

- Top research at the intersection of multiple fields
- Very broadly invested key research areas (energies of the future, new materials) but also some niche research areas (health and environment, innovation and competitivity)
- Emergence of new disciplines (geostatistics, mathematical morphology, control of flat systems)

200 industrial partners

1000 /year Research contracts 30 M

480 scientific publications rank A

OUR LEARNING ENVIRONMENT

Strong background in fundamental courses,

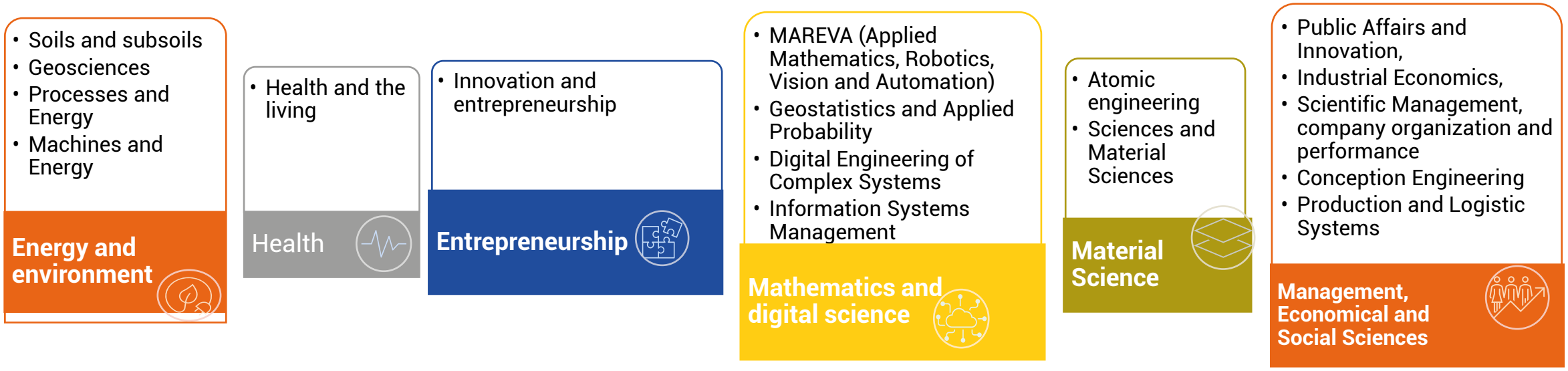
Mathematics, physics, mechanics …

with a multidisciplinary approach:

Social sciences, Languages, Sports, Economy and management, Innovation and entrepreneurship

and the possibility to customize your curriculum with various fields of specialization

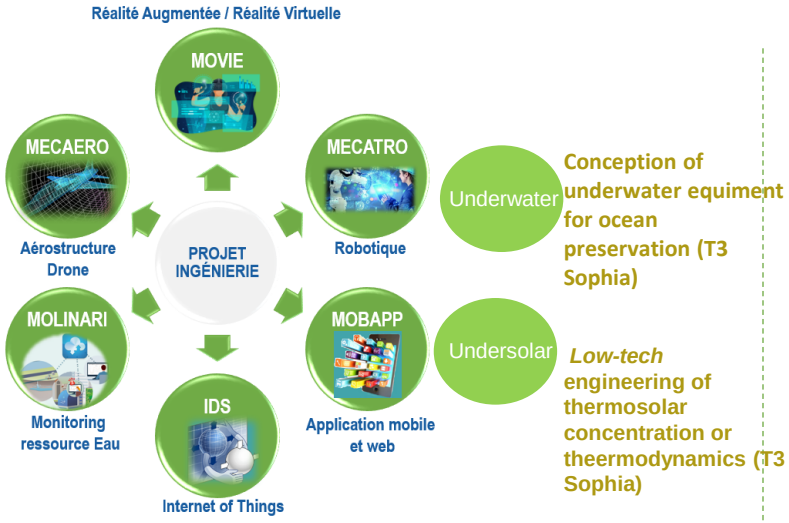
prepare to become managers, in any kind of companies, **all over the world**.



ENGINEERING DEGREE PROGRAM

First year Master – M1

ENGINEERING PROJECTS



Underwater — Conception of underwater equiment for ocean preservation (T3 Sophia)

Undersolar — *Low-tech* engineering of thermosolar concentration or theermodynamics (T3 Sophia)

+

SPECIALISED COURSES

+

LANGAGES AND SPORTS

+

RESEARCH TERM

Energy and environment

Mathematics and digital science

Economy, management and society

Health

Material sciences

OR

ENTREPRENEURSHIP TERM

THEMATICAL COURSES	+ WORKSHOPS	ENTREPRENEURIAL WORK

+

INTERNSHIP

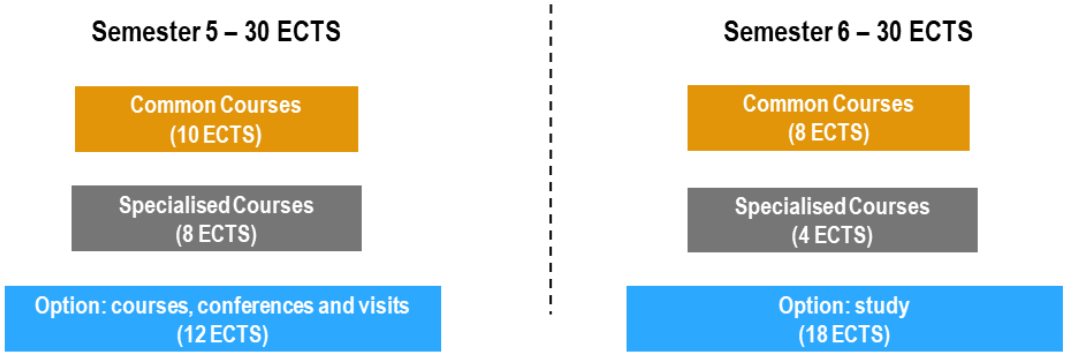
Minimum 3 months

Medium rate duration: 10 months

Option of gap year: 2 internships of six months

THIRD YEAR

Career focus



- The most common class formats are case studies, discussions, student projects, lectures.
- Common courses such as: law, management, general accounting, risk management, energy transition, cost evaluation
- Specialized courses such as: sociology of markets, corporate finance, health management, advanded atomic engineering, metallurgy physics, corrosion and durability of structures, gesture and artificial intelligence

Optional: a French double-degree

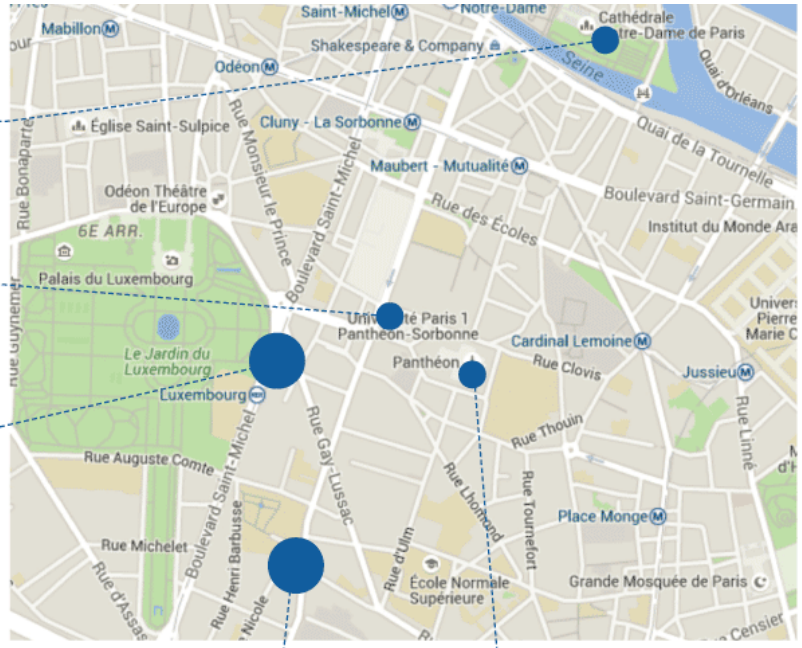
NOM COMPLET	UNIVERSITE
Économie internationale et développement	PSL
Financial Markets	PSL
Finance d'entreprise et ingéniérie financière	PSL
Intelligence Artificielle, Systèmes, Données	PSL
Géoscience, Science de la terre et des panètes	PSL
Mathémathiques appliquées et Théoriques	PSL
Mathématiques de l'assurance, de l'économie, et de la finance	PSL
Mathématiques, apprentissage, sciences et humanités	PSL
Tous les masters de la Mention INFORMATIQUE	SU
Mécanique des Solides : Matériaux et Structures (Mention Méca)	SU
Systèmes Avancés et Robotique (Mention Automatique/Robotique)	SU
Mathématiques, Vision, Apprentissage	UPS
Mathématique et Mécanique Fondamentale	UPS
Economie de l'Environnement, de l'Energie et des Transports	UPS
Master Recherche en Management	UPS
Ingéniérie Financière	Paris I
Politiques Publiques	Paris I
Histoire des Sciences	EHESS
Géopolitique Locale et gouvernance territoriale (aménagement, concertation)	Paris 8
Transport et Développement Durable	ENPC

OUR LIVING ENVIRONMENT

NOTRE-DAME DE PARIS
6 Parvis Notre-Dame
75004 Paris

SORBONNE
1, rue Victor Cousin
75005 Paris

MINES PARIS
60, boulevard Saint-Michel
75006 Paris



MAISON DES MINES
270, rue Saint-Jacques

PANTHÉON
Place du Panthéon

- A residence 5 minutes walk from school (double room around 350 euros per month)
- A rich student life
- A vibrant cultural life
- Accessibility to many services and facilities (restaurant, library, sports facilities)
- Administrative services at your disposal (health care, visa, scholarships)

Located in the heart of Paris

80% students with scholarships

40 students associations

15 sports offered


©Vincent Blocquaux

Institut d’Optique

ParisTech
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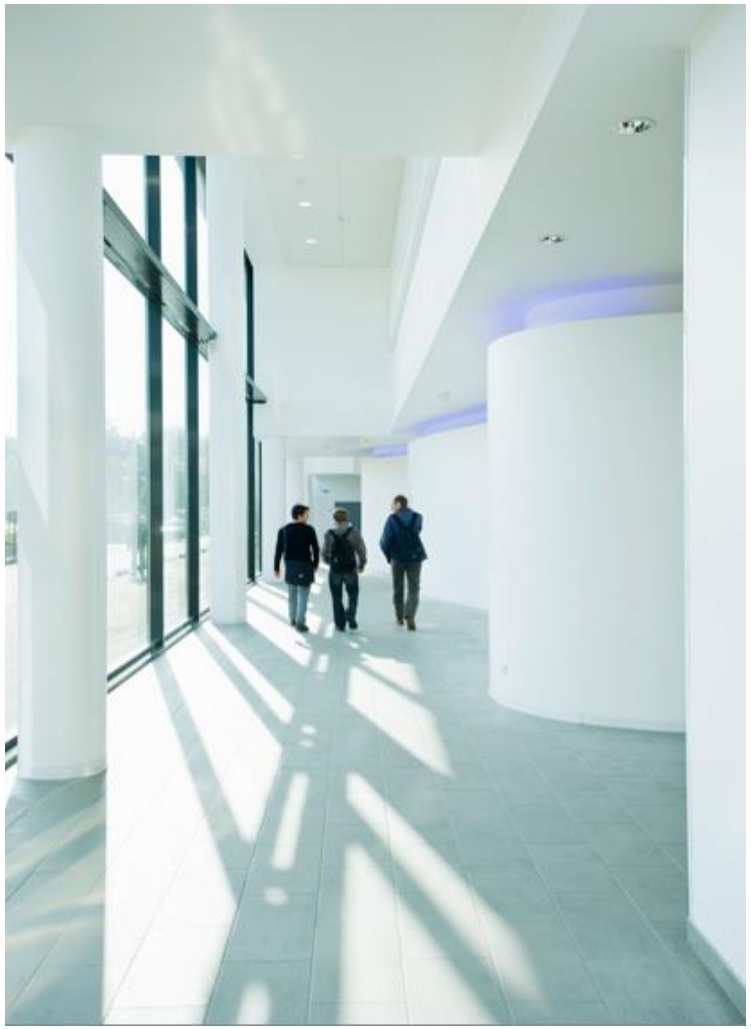
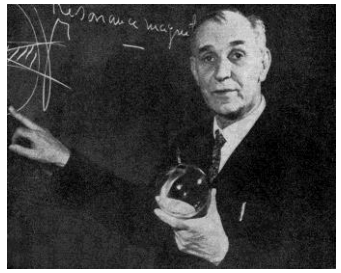
A LEADING INSTITUTION IN OPTICS & PHOTONICS



- 2017: celebrated 100 years of research and education in optics and photonics
- A rich history since 1917

Charles FABRY
1st Director General (1917-1945)



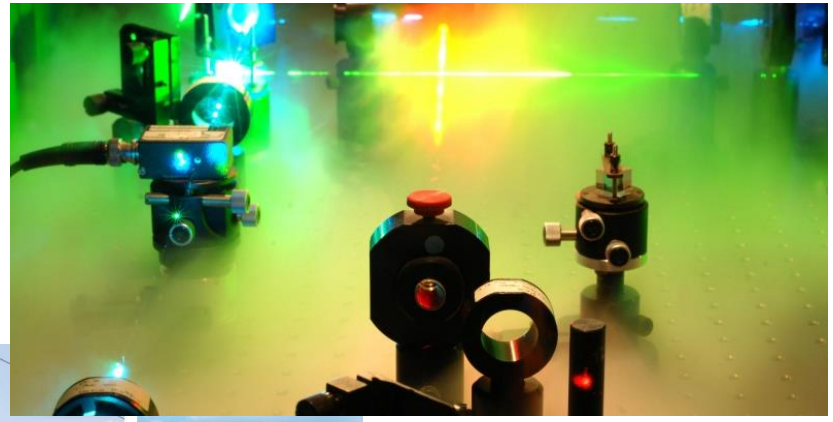
Alfred KASTLER
President of the Board (1960s)

Alain ASPECT
Augustin Fresnel Chair Professor & Scientific Advisor, Nobel Prize in Physics 2022

- 3 campuses: **Paris-Saclay**, Bordeaux, Saint-Etienne

INSTITUT d'OPTIQUE GRADUATE SCHOOL ParisTech | université PARIS-SACLAY

A LUMINE MOTUS – INSPIRED BY LIGHT, SINCE 1917



Physics of light and its interaction with matter

Widest offer of course in our field

- ✓ Ray optics and aberrations, optical system design
- ✓ Advanced wave optics
- ✓ Instrumentation, Photometry, Detection
- ✓ Imaging, image processing and AR/VR
- ✓ Lasers and electro-optics, non-linear optics, optical fibers, optical telecommunications
- ✓ Biophotonics, Nanophotonics
- ✓ Quantum optics, atom optics
- ✓ Space optics, X-UV optics
- ✓ Solar energy
- ✓ Mathematics, electronics and computer science for signal and image processing
- ✓ *Track in innovation and entrepreneurship*

INSTITUT d'OPTIQUE GRADUATE SCHOOL ParisTech | université PARIS-SACLAY

RESEARCH ACTIVITIES – 3 RESEARCH CENTERS

Components & Systems for Photonics

Virtual & Augmented Reality

Digital Images

Cold Atoms
Quantum Optics
Biophotonics
Nanophotonics

Lasers
Nonlinear Materials
X & UV Optics

Instrumentation

Image Processing

Visual Rendering
Safety

BORDEAUX
Laboratoire Photonique Numérique et Nanosciences
LP2N
(50 people)

PARIS-SACLAY
Laboratoire Charles Fabry LCF
(150 people)

SAINT ETIENNE
Laboratoire Hubert Curien
(170 people, with UJM)

COURSE CURRICULUM OF THE MSCENG PROGRAM (DIPLÔME D'INGÉNIEUR)

- 3 campuses:
  - PS= Paris-Saclay
  - Bdx= Bordeaux
  - StE= Saint Etienne
- 35% of MScEng graduates continue towards PhD
- Top employment industries:
  - Optics, electronics and IT sectors
  - Engineering and IT consulting firms
  - Transportation and mobility sectors
  - Defense and security industry

1st year = **Bachelor final (PS)**	2nd year = **Master 1st (PS or Bdx or StE)**	3rd year = **Master 2nd (PS or Bdx or StE)**
General inter-disciplinary education	General inter-disciplinary education	General inter-disciplinary education
General scientific education	General scientific education	Wide range of openings and specialisations
Photonics related courses	*Paris Saclay* : Light-Matter Interactions, Signal and Image Sciences, Nanosciences, Extreme (X and UV) Optics	
	Bordeaux : Photonics and Digital Sciences, Virtual Reality, Cognitive Sciences, Physics and Modelling	
	St Etienne : Photonics for Imaging, Visual perception, Colour vision	
(1 month internship)	3 month internship	4-6 month internship

- **Language requirements** : B1 in french and english when you arrive in IOGS

- **Integration** :
  - Introductory week with courses on Basic Optics and tutorial courses during the year
  - French courses organized by our language department during your studies in IOGS (B1 level required upon your arrival)
  - Student life : BDI, student associations, sports and other facilities of UPS

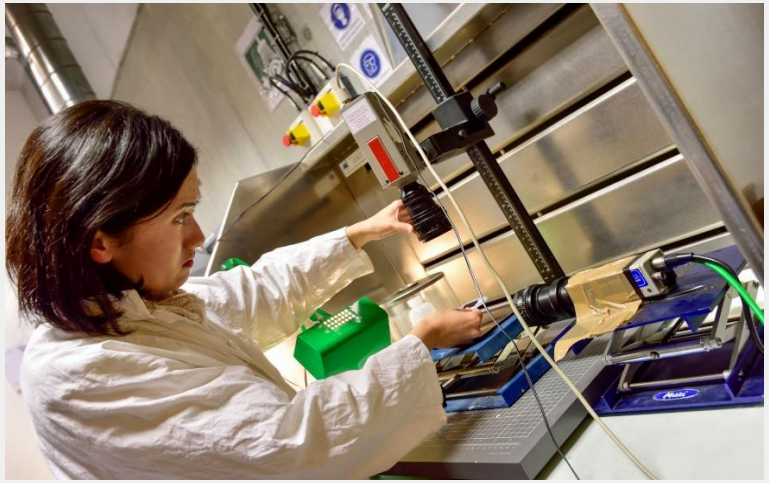
For any questions : **eirini.papagiannouli@institutoptique.fr**

Arts et Métiers

ParisTech
#Connect #Innovate #Share

Arts et Métiers Sciences et Technologies

Talent booster for industry of the future, Arts et Métiers' mission statement: deliver solutions to the needs of every sector of industry



Key figures

- 6000 students
- 1000 international students
- 170 partner universities worldwide

For over two centuries (1780), Arts et Métiers has been spearheading scientific progress and supporting each industrial revolution.

COURSES ANTICIPATING SOCIETY'S TECHNOLOGY NEEDS
from undergraduate to doctorate level

- **Arts et Métiers ParisTech Grande École engineering programme** (level 7)
- **10 Specialised engineering programmes** (level 7)
- **Bachelor's degree in technology** (level 6)
- **+ 20 National master's programmes** (level 7)
- **Doctoral programme** (level 8)
- **Lifelong skills development** (Specialised Masters…)

EXCELLENCE LABEL FOR TRANSFERRING OUR RESEARCH TO THE INDUSTRIAL WORLD: Carnot Institute

Research applied to **5 major factory of the future sectors:**
Transport/ Energy/ Health tech/ Construction/Manufacturing

15 LABORATORIES pioneering scientific expertise in Industry 4.0 (corobotics, advanced manufacturing systems, innovation & production systems, virtual & augmented reality, biomechanics, additive manufacturing...)

- **Member of** EIT Manufacturing
- **Six research chairs** in health, environment, clean mobility and smart industrial systems
- **Real-scale Technology platforms** (20 Technology hubs)

Arts et Métiers
Sciences et Technologies

SUPPORTING TOMORROW'S ENTREPRENEURS

▶ Arts et Métiers **talent pipeline and incubator** for the high-tech industry

▶ **Training** : business creation & development expertise, technological innovation and entrepreneurship

STRATEGIC PARTNERSHIPS WITH INDUSTRIAL ORGANISATIONS

11 locations, spread all over in France, for building even **closer ties and insights with industry**

▶ Workplace integration

▶ Training

▶ Innovation

Arts et Métiers campuses
Institutes

VINCI · EDF · assystem · ATALIAN GLOBAL SERVICES · MANN+HUMMEL · COLAS WE OPEN THE WAY · EUROVIA VINCI · esri · Schneider Electric

Arts et Métiers Sciences et Technologies

Arts et Métiers ParisTech Grande École engineering programme

- ✓ **Strong background in Mechanical and Industrial Engineering**
- ✓ **Pedagogical approach combining theory & practice**
- ✓ **Multiple and varied choices of specialised final year courses**
- ✓ **Mandatory immersion in companies**

- ✓ **83,5%** work < 6 months after graduation; other **9,5%** pursue their studies
- ✓ **63%** students employed before graduation
- ✓ **Top sectors of employment:** Eng services & consulting (34%), transportation - aeronautics, automotive, rail (13%), construction (10%), ICT...
- ✓ **Top working functions**: Production & quality control (34%), R&D – Innovation (21%), Consultancy (15%)
- ✓ **Average entry salary 41.5K€/year**

➢ **2nd year - core courses** (all campuses):

1 semester Mechanical and Industrial Engineering:
Solid Mechanics/ Materials/ Management/ Product Design/ Product Manufacturing/ Industrial Organisation/Project - Research

1 semester Energy and Industrial Engineering: *Electronics/Automatics/ Energetics/ Math – Computer Science/ System Design/ System Manufacturing/ Industrial Organisation*
Project - applied

➢ **3rd year** (the campus depends on the specialised course):

1st semester
Specialised course (to be chosen among over 33 offered) in the field of new energies for sustainable development, aeronautics and space eng., management of technological innovation, advanced materials, electrical eng., bioengineering, advanced manufacturing, production systems, virtual & augmented reality, additive manufacturing, fluid mechanics, mechatronics, business creation...
Management of the Logistic Chain/ Strategical Management
Project in laboratory

2nd semester
6-month internship in company (mandatory)

Throughout each year: Foreign Languages, Professional Project Initiative

Arts et Métiers Sciences et Technologies

Campus & student life

8 campus in France

- International relations offices& administrative support, tutoring
- Halls of residence
- Documentation Center and IT room with Internet access
- Infrastructure (gymnasium, climbing wall,...) which allow students to take part in numerous team and individual sports

- National Students' association: sport (sailing, football, rugby, tennis, handball, golf, athletics, skiing, rally...), cultural, scientific, humanitarian or business activities (Shell Eco Marathon, robotics projects, Business lunches...)
- Biggest Alumni in Europe (34 000 alumni)
- Student & alumni mentoring

WHY ARTS ET METIERS?

- One of the best and renown Engineering institution in France

- Get in touch with the industry and acquire business contacts. Arts et Métiers has strong links with companies and, with 11 sites, is close to the economic players. Each campus organises regular meetings with companies (business lunch...)

- Work on our real-scale technology platforms

- Prospect for a PhD at Arts et Métiers by making the most of our labs and research teams which offer a wide range of research areas

- Become part of the biggest Engineering Alumni Association in Europe

- Experience the French language and culture and take advantage of our sites.

ParisTech

#Coopérer #Entreprendre #Partager

www.paristech.fr