école
normale
supérieure
paris–saclay
ENS PARIS-SACLAY

- WELCOME TO ENS PARIS-SACLAY
- THE SCHOOL OF RESEARCH AND HIGHER EDUCATION
- A “GRANDE ÉCOLE” OPEN TO THE WORLD
WELCOME TO ENS PARIS-SACLAY

20 min from Paris’ center

45 min from Orly Airport

1h from Roissy-Charles de Gaulle Airport
WELCOME TO ENS PARIS-SACLAY
a « GRANDE ÉCOLE » founded in 1912

from a teachers’ training school to a school of research and higher education
WELCOME TO ENS PARIS-SACLAY
the Paris-Saclay project

A HISTORICAL STEP TO A NEW LOCATION TO PROVIDE UP-TO-DATE PROCUREMENT AND ENVIRONMENT TO EDUCATION AND RESEARCH

ÉCOLE NORMALE SUPÉRIEURE DE CACHAN
WELCOME TO ENS PARIS-SACLAY
the Paris-Saclay project

BRAND NEW ENS PARIS-SACLAY PREMISES PLANNED FOR 2019

student residence

Omnisport center

bus line

Learning Center

CentraleSupelec

student residence

architect: Renzo Piano
WELCOME TO ENS PARIS-SACLAY
Université Paris-Saclay

is a founding member of

13% of the national research resources

4 « GRANDES ÉCOLES »
3 UNIVERSITIES
7 RESEARCH ORGANIZATIONS

ÉCOLE NORMALE SUPÉRIEURE DE CACHAN
WELCOME TO ENS PARIS-SACLAY
Université Paris-Saclay

65 000 STUDENTS

9 500 IN MASTER DEGREE
(including 38% of international students)

4 600 PHD STUDENTS
(including 42% of international students)

10 000 RESEARCHERS AND PROFessors

275 LABORATORIES

15 000 PUBLICATIONS/YEAR

160 ERC GRANTS
1st in France
3rd in Europe

20 DOCTORAL SCHOOLS

10 DEPARTMENTS OF RESEARCH
ENS PARIS-SACLAY

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THE SCHOOL OF RESEARCH AND HIGHER EDUCATION

HIGHER EDUCATION – RESEARCH – INTERDISCIPLINARITY – INTERNATIONAL EDUCATION

1700
STUDENTS

300
PHD STUDENTS

400
PROFESSORS AND RESEARCHERS

200
INTERNATIONAL STUDENTS

14
RESEARCH LABORATORIES

12
TEACHING DEPARTMENTS

70%
NUMBER OF OUR MASTER GRADUATES WHO PROCEED TO PHD STUDIES
THE SCHOOL OF RESEARCH AND HIGHER EDUCATION

« hands-on » research practice

SATIE – Laboratory for Systems, Applications of Information Technologies and Energy
LMT – Mechanics of Materials and Structures Laboratory
LURPA – Automated Production Research Laboratory

CMLA – Center for Mathematical Studies and their Applications
LSV – Specification and Verification Laboratory
LAC – Aimé Cotton Laboratory
LPQM – Quantum and Molecular Photonics Laboratory
PPSM – Supramolecular and Macromolecular Photonics and Photochemistry
LBPA – Laboratory of Biology and Applied Pharmacology
UMI Relax – Research Lab in Computer Science

14 RESEARCH LABORATORIES
12 TEACHING DEPARTMENTS...

Institution and Historical Dynamics of Economics and Society – IDHES
Institute of the social sciences of politics - ISP
Center of Research in Economics and Statistics - CREST
Research Center in Design - CRD
THE SCHOOL OF RESEARCH AND HIGHER EDUCATION
« hands-on » research practice

... AND 3 INTERDISCIPLINARY INSTITUTES
for mutualized platforms and interdisciplinary incentives

<table>
<thead>
<tr>
<th>D’ALEMBERT INSTITUTE</th>
<th>FARMAN INSTITUTE</th>
<th>HOUSE OF HUMAN AND SOCIAL SCIENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular engineering for life science investigations</td>
<td>Simulation, modelling and virtual testing of complex systems</td>
<td>Digital humanities, environment and society, Transition and innovation for developing interdisciplinarity</td>
</tr>
</tbody>
</table>
THE SCHOOL OF RESEARCH AND HIGHER EDUCATION
« hands-on » research practice

IMMERSIVE SCREEN
MULTI-LEVEL CONVERTER
CLEAN ROOM
CIVIL ENGINEERING PLATFORM
TOMOGRAPH
THE SCHOOL OF RESEARCH AND HIGHER EDUCATION

leading academic staff

TOP 5 IN FRANCE:
TEACHER TO STUDENT RATIO

TOP 10 IN FRANCE:
CITATIONS PER FACULTY MEMBER

- 4 members of the French academies
- prizes (Holweck, …) / CNRS medals / « Grand prix » French Academy of sciences / ERC grants

Olivier WIEVIORKA
HISTORY
Specialist of the WWII Eugène Colas Prize

Alain ASPECT
PHYSICS
Specialist of quantum mechanics
CNRS Gold (and many other prizes…)

Yves MEYER
MATHEMATICS
Progenitor of wavelet theory
Abel Prize / Gauss Prize
THE SCHOOL OF RESEARCH AND HIGHER EDUCATION
from the pre-master year to PhD

ADMISSION AFTER 2 YEARS OF BACHELOR OR PREP'SCHOOL
...OR LATER FOR MASTER'S DEGREE...

...OR FOR PHD STUDIES
(PhD delivered by Université Paris-Saclay)

Prep'school
University
(France or abroad)

1 year

Last year
of Bachelor’s
(L3)

1 year

First year
of Master’s
(M1)

3 years

Predoctoral
research abroad

Second year of
Master’s
(M2)

3 years

Master’s for higher education

Second year of Master’s
(M2)

Interdisciplinary track
(1 TO 2 YEARS IN ANOTHER DISCIPLINE)

Doctoral studies

ÉCOLE NORMALE SUPÉRIEURE DE CACHAN
ENS PARIS-SACLAY

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- A “GRANDE ÉCOLE” OPEN TO THE WORLD
TOWARDS A SUSTAINABLE FUTURE
Laboratories of ENS Paris-Saclay contribute to overcome fundamental bottlenecks connected to industrial, technological, economic and social issues.

A « GRANDE ÉCOLE » OPENED TO THE WORLD
fundamental research connected to practical issues
A « GRANDE ÉCOLE »
OPENED TO THE WORLD
fundamental research connected to practical issues

TOP 10 IN FRANCE: INDUSTRY INCOME PER FACULTY MEMBER

60 INDUSTRIAL CONTRACTS RUNNING CA. 2.5 M€/YR

• JOINT LABORATORIES
• RESEARCH CONTRACTS
• AGREEMENTS
• START-UPS
• PHD THESIS FUNDINGS
A « GRANDE ÉCOLE » OPENED TO THE WORLD

international actions

more than 140 agreements for cooperation in the research field
In 44 countries

more than 70 agreements as part of the European Erasmus Program

each year, 200 foreign students are welcomed by ENS Paris-Saclay (15% of our students)
A « GRANDE ÉCOLE » OPENED TO THE WORLD

international actions

NORTH AMERICA
- Fulbright program (US)
- Students mobility (US, CA)
- Int’l Lab (US)
- NSF-REU
- BCI

SOUTH AMERICA
- Santos Dumont consortium (BR)
- 1st international CIFRE thesis
- Industrial partnership
- Students mobility (CL, BR)

EUROPE
- EU Horizon 2020 projects
- ERASMUS MUNDUS prog.
- ERASMUS mobility prog.
- Joint degrees Consortia (RU, TQ)

AFRICA
- Research collaboration
- Teachers’ training (TN)
- MA, DZ, ZA
- Franco-Tunisian College

ASIA
- Joint graduate prog. (CN)
- ECNU/CSC (ENS network)
- Int’l Lab and networks (IN, JP, KR, CN, TW)
- USTH Consortium (VN)
- Students mobility

OCEANIA
- Students mobility (AU)

NORTH AMERICA
- Fulbright program (US)
- Students mobility (US, CA)
- Int’l Lab (US)
- NSF-REU
- BCI

SOUTH AMERICA
- Santos Dumont consortium (BR)
- 1st international CIFRE thesis
- Industrial partnership
- Students mobility (CL, BR)
A « GRANDE ÉCOLE » OPENED TO THE WORLD 
international actions

in CHINA

- East China Normal University (ECNU)
- East China University of Science and Technology (ECUST)
- Fudan University
- Nanjing Tech University
- Peking University
- Shanghai Jiao Tong University
- Tsinghua University
- University of Chinese Academy of Science
- Zhejiang University
- China Scholarship Council (CSC)

A cooperation agreement on Artificial Intelligence has been signed in January 2018 during the visit of the French President, Mr Emmanuel Macron, to China.

This agreement involves 4 Chinese institutions and 5 French counterparts

Tsinghua U  
Zhejiang U  
Shanghai Jiao Tong U  
France China Foundation  

Université Sorbonne Paris Cité  
École Polytechnique  
Sorbonne U  
ENS Ulm  
ENS Paris-Saclay
A « GRANDE ÉCOLE » OPENED TO THE WORLD
international actions

- Chiba University
- Kyoto University
- Osaka University
- University of Tokyo
- Waseda University
- Lia Nanosynergetics (Osaka, Ikoma, Tokyo, Kyoto)
- Nara Institute of Science and Technology (NAIST)
A « GRANDE ÉCOLE » OPENED TO THE WORLD international actions

- Chennai Mathematical Institute
- Devi Ahilya Vishwavidyalaya (DAAV)
- IISERs:
  - Berhampur
  - Bhopal
  - Kolkata
  - Mohali
  - Pune
  - Thiruvananthapuram
  - Tirupati
- Indian Institute of Technology
A « GRANDE ÉCOLE » OPENED TO THE WORLD
international actions

- University of Brasilia (UnB)
- University of Campinas (UNICAMP)
- Federal University of Santa Catarina (UFSC)
- Pontifical Catholic University of Rio de Janeiro (PUC)
- Federal University of Rio de Janeiro (UFRJ)
- Federal University of Rio Grande do Sul (UFRGS)
- Federal University of ABC (UFABC)
- University of Sao Paulo (USP)
- Sao Paulo Research Foundation (FAPESP)
A « GRANDE ÉCOLE » OPENED TO THE WORLD
international actions

MOBILITY

• Grants and scholarships :
  - the ENS International Scholarship
  - Université Paris-Saclay Master’s Scholarship
  - the China Scholarship Council
  - the Fullbright Program
  - the Eiffel Program
  - the ENS-INRIA Scholarship Program

• Students mobility :
  - ERASMUS agreements : Germany, Belgium, Spain, Sweden, Turkey, …
  - ERASMUS MUNDUS program : Spain, Poland
  - ARPE programme : a year of pre-doctoral research in a foreign laboratory
    ➔ concerns students who prepare the ENS Paris-Saclay degree
    ➔ takes place rather before the M2R, more rarely after the M2R
    ➔ 2 objectives : to develop the autonomy in research;
      to discover a foreign system of research
A « GRANDE ÉCOLE » OPENED TO THE WORLD
alumnis in leading positions

Florent Mathieu
MECHANICAL ENGINEERING
2005-2013
Co-founder of EikoSim
(prize from Airbus / iLab)

Adèle LYPRENDI
PHYSICS
(2006-2010)
Engineering Professional at Bombardier Aerospace

Mérouane DEBBAH
EEA
(1996-2002)
Director of the Mathematical and Algorithmic Sciences Lab at HUAWEI France

EVERY YEAR SINCE 2000: AT LEAST ONE ALUMNI RECEIVES THE PRESTIGIOUS CNRS MEDAL
STUDENT LIFE
a pleasant living and working environment

ARTISTIC PRACTICES
(photo: workshop about sound design)

« LA SCÈNE DE RECHERCHE »

SPORTS
(photo: first place for one of our students)

INTERNATIONAL RELATIONS OFFICE

HUMANITARIAN PROJECTS
(photo: Bénin, 2017)
THANK YOU