

Welcome to ISEP

Summary

- 1 Overview of ISEP**
- 2 Education at ISEP**
- 3 International partnership**
- 4 Corporate partnership**
- 5 Research activities**
- 6 Student life**
- 7 Job placement**

1 Overview of ISEP

1

-French Engineering Graduate School in
Digital Technology



Computer
Science
& Cyber
Security



Electronics



Telecom & IoT

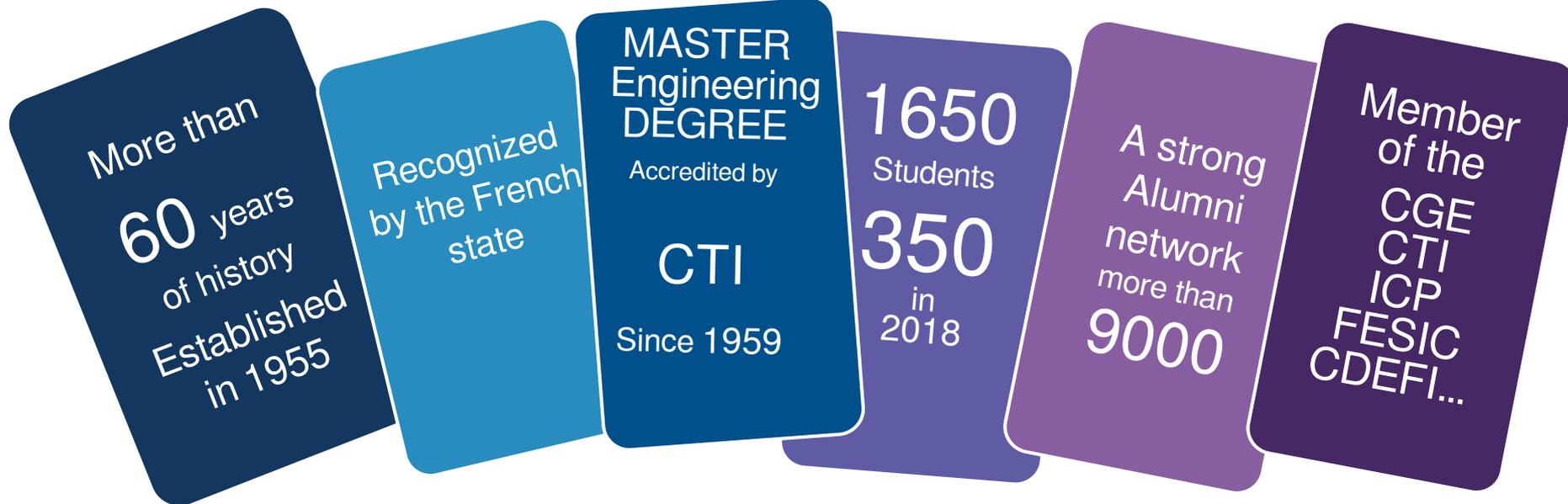


Image processing
Data science & AI

1 Overview of ISEP

1

ISEP: Non-profit, private graduate school



1 Overview of ISEP

One of the last few digital/IT engineering
“Grandes Ecoles” remaining in Paris

Campus 1

- Rue Notre-Dame des Champs
- In the Heart of Paris (Latin Quarter/Sorbonne)
- Host of « Stanford In Paris »



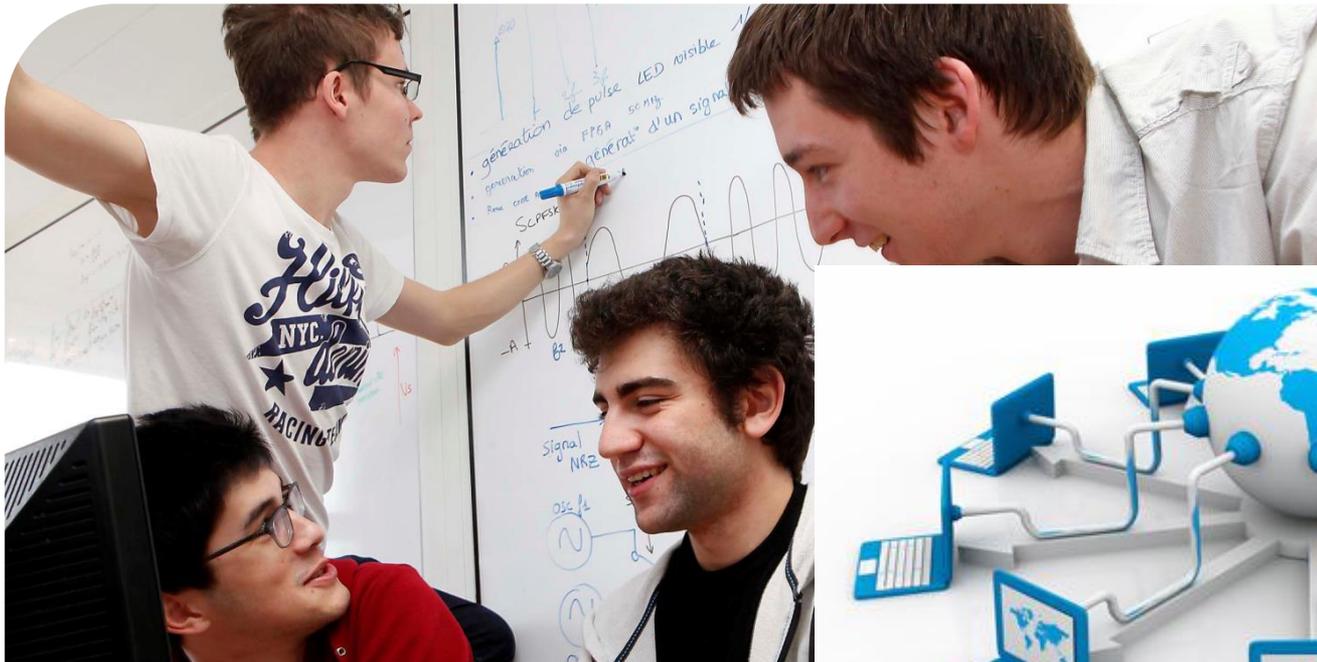
Campus 2

- Rue de Vanves in Issy-les-Moulineaux, Smart city since 1990
- French HQ's of Microsoft, Cisco, Orange, Huawei

Between sites :
20 minutes metro ride

2 Education at ISEP

2



2 Education at ISEP

2

-Diverse Education Programs



**ENGINEERING
GRADUATE
PROGRAM**

Engineering
Master Degree

**INNOVATION
&**

ENTREPRENEURSHIP

**SPECIALIZED
MASTERS**

accredited
by CGE

**DOCTORAL
PROGRAM**

In
partnership
with
university

**CONTINUING
EDUCATION**

2 Education at ISEP

2

-Curriculum overview

5-Year Engineering Graduate Program

Preparatory Curriculum

Y1

Y2

Preparatory Courses

Preparatory Courses

- Math/Physics
- Robotics
- IT fundamental courses
- Electronic fundamental courses
- Management
- Foreign Language & Culture etc

Engineering Curriculum

Y3

Y4

Y5

Academic Courses

Academic Courses and Internship (minimum 4m)

Academic semester (usually abroad) and Final year internship (minimum 5m)

- Engineering fundamental courses:
 - Telecommunication and Network
 - Electronics
 - Programming
 - Signal processing etc

1 -Year post-graduate program

PhD

2 Education at ISEP

2

-Various Specializations For Every Need

5)

Double Degrees in France



Information systems



Software engineering



Embedded systems



Wireless Telecom and IOT



Business intelligence



Digital Security and Network



E-health



Innovation and entrepreneurship

DD in Ergonomics and Digital Interfaces



DD in Bio Medical Engineering



AUDENCIA Business School Nantes



CentraleSupélec

CentraleSupélec

Master in advanced radiocommunications
Specialized post-graduate degrees

université PARIS-SACLAY



ÉCOLE POLYTECHNIQUE

Polytechnique - UPS
Master in Data Science



2 Education at ISEP

2

-Innovative Teaching Methods

Project-based learning

Multidisciplinary year long project in Y3

Real case-study

Technical skills
(hardware/software integration)

Soft skills (project & team management, communication)



2 Education at ISEP

-Entrepreneurship



IG
(In
free loans)

Angels
ISEP
Incubator
Incubator
partner:
Arts and
Métiers
ParisTech
Booster
Paris
(Open
soon)

Coaching
Internship
at the
student's
own start-
up
company

Module
«Setting
up a
Busines

s
&
F

2 Education at ISEP

2

-Elite Education

Cultural & management Courses

Incubator
45 Start-up Companies created

Inter-schools Projects

2 Internships or Apprenticeship

Y4-Y5 mostly in English
Mandatory :
-TOEIC 800
- 2nd Foreign language
- International Experience

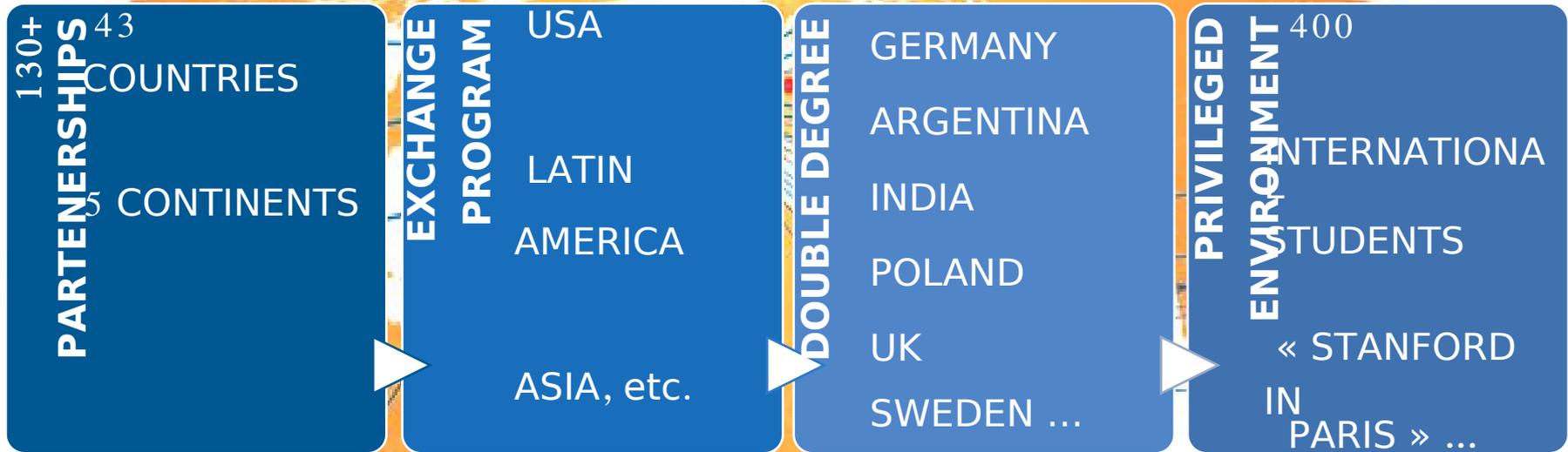


3 International partnership

3



3 International partnership

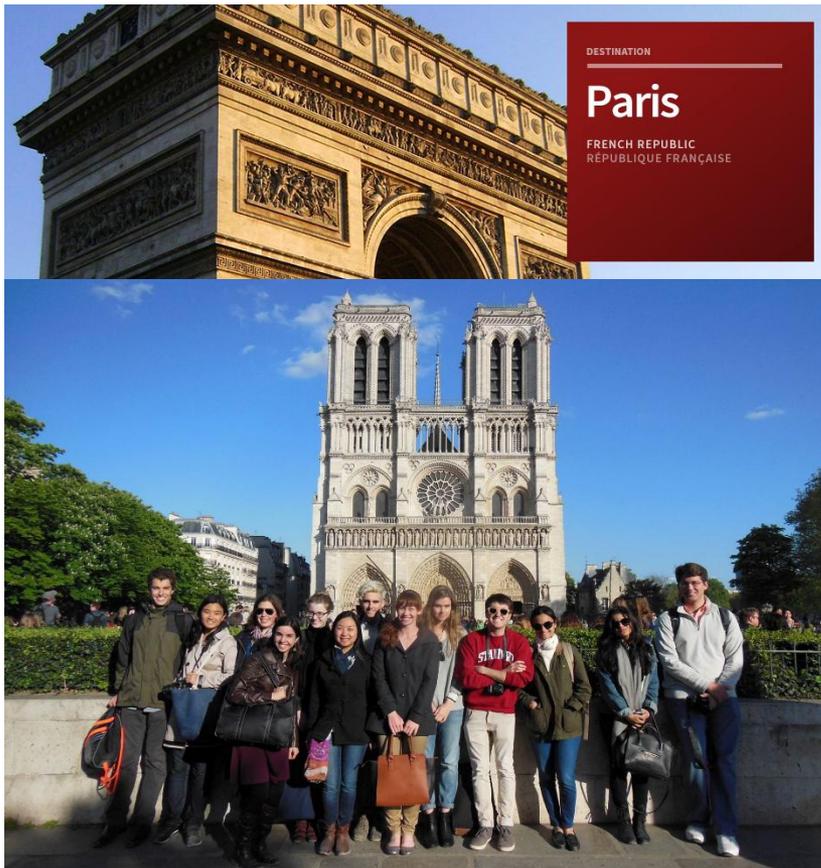


ISEP is one of the **top 10** engineering graduate schools which send the most students abroad!
L'Etudiant « Engineering School Ranking » (from 2014 to 2018)

3 International partnership

3

-Privileged international environnement



400 foreign students at ISEP

Program « Stanford in Paris » at ISEP:
for 18 years

Exchange of professors
(Stanford, Berkeley, Bologna...)

« International mentoring » by the ISEP
students

International students associations: ISEPA,
Transaharan...

4 Corporate partnership



4 Corporate partnership

4

PEDAGOGY

200

Lecturers including

150

Industrial lecturers

Final year course

Final Year Study Project

PROFESSIONAL EDUCATION

Internship :

7500 offers/year

Job :

4500 offers/year

Apprenticeship:

1000 offers/year

Projects in partnership

COMPANY MEETINGS

Internship and job fairs

Interview simulations

Business games

Mentoring of the class

Professional project

GRADUATES INTEGRATION

100%

Employment in less than 3 months

80% of

graduates work in Île-de-France

13% of

graduates work abroad

4 Corporate partnership

- 400 ISEP Corporate Partners

es:

Category	Partner Groups & Companies
Industry	
IT Consulting & services	
Banks & Finance	
Telecom & Media	
Hardware	
Software	

Donations (2018-19)

5 Research activities

5



MAIN RESEARCH AREAS

- **Artificial Intelligence (AI)**
- **Resource Management in Multi-User Wireless Systems**
- **Advanced methods of interpreting and image coding**
- **Energy recovery systems**
- **Micro-nano and**



**Laboratory LISITE
2 Research groups**

40 researchers

RESEARCH APPLICATIONS IN DIVERSE DOMAINS

- **Bio-medical Domain (Health and medical imaging)**
- **Connected environments:**
 - Connected Objects and sensor networks
 - Autonomous vehicles
 - LiFi (Light Fidelity)
 - 5G
- **Environment & sustainable agriculture**
- **Education & Human learning**

6 Student life

-Opportunities to grow together



ISEP Voile (Sailing)

Winner of French Student Cup -
2013, 2014, 2015, 2016, 2017

Winner of the Grand
SurpriseCup Trophy - 2019



6 Student life

-more than 30 associations



One of the best Junior Enterprise in France and Europe during the last 10 years :

- 1st of excellent European « Création & Innovation » Award - 2013
- Certification 9001 - 2017
- Involvement Award - 2018



Association Isépienne de Robotique

Robotic Association :

Since 1996, « Air » participated in French Robotic Cup



Entrepreneurship



Music



Sports



ISEP Students' Exchange & Partnership Association

7 Job placement

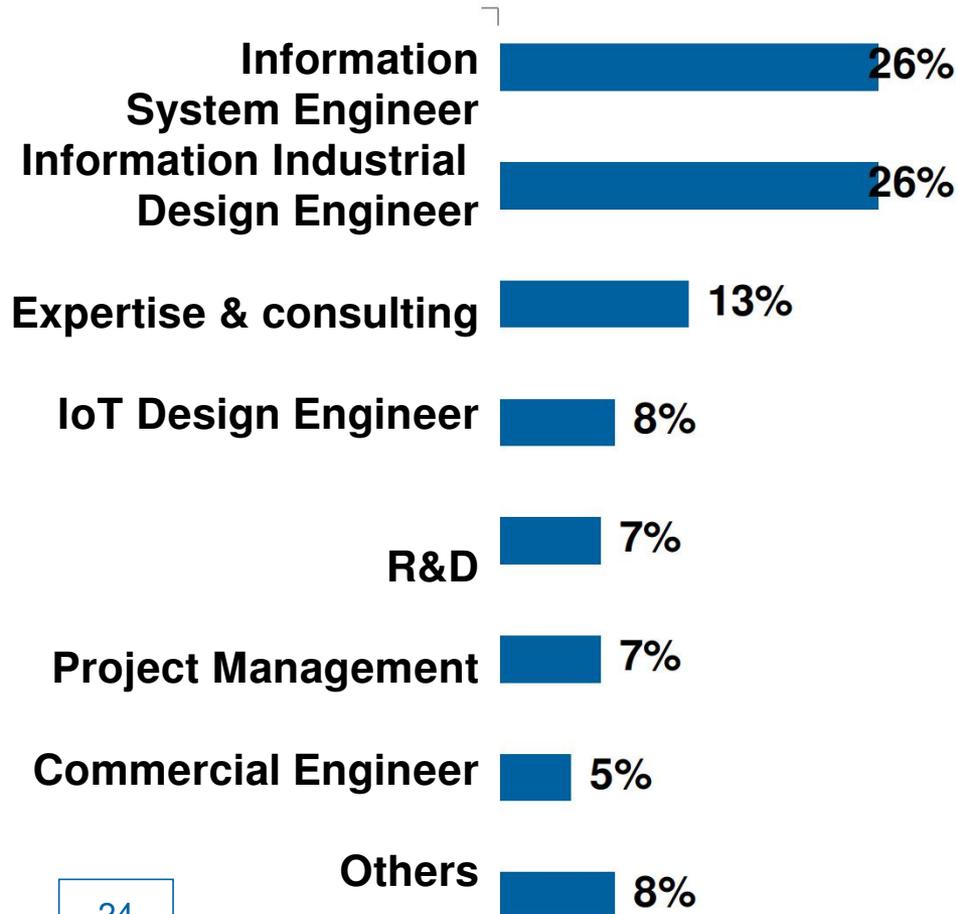
-Preparing students for the working world



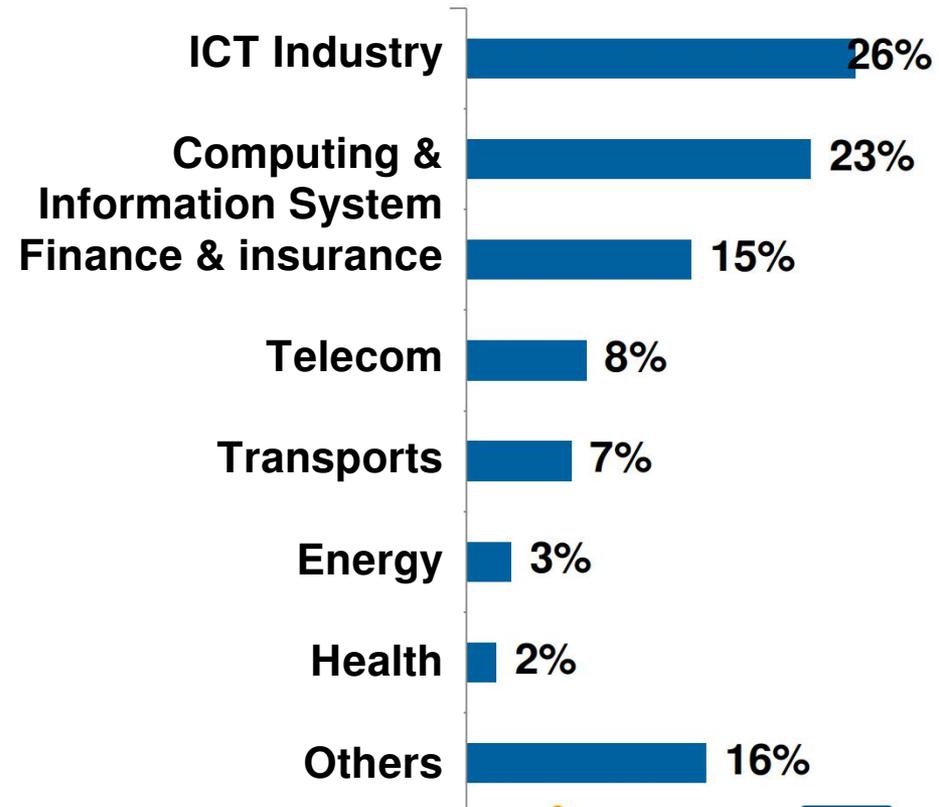
7 Job placement



Job Domain



Sector of activity



7 Job placement-success stories

Michel TEYSSEDE (class 1975)
Vice-President
IBM France/ Coach at ISEP

Aurélia HUANG (class 2010)
Video Specialist - Luxury
GOOGLE



Delphine GRILLOT (class 1997)
Cybersecurity Engineer
AIRBUS

Dahlia LENG (class 1998)
Business Solution & SI director
LOUIS VUITTON, Amérique du Nord



Isabelle AZEMARD (class 1974)
Strategy Director for Warship
Systems
THALES



Mathieu CERVETY (class 2006)
Head of YouTube B2B Marketing
GOOGLE

Didier BAZZOCCHI (class 1978)
General Director
MMA



Jean-Philippe ILLARINE (class 1995)
Vice-President in Telecommunications
SAMSUNG

Michel RACAT (class 2008)
President Creator-Founder
BEEZUP acquired by Casino



Etienne GANDILLOT (class 2011)
Senior Business Manager
AMAZON

Nicolas HUGUENIN (class 2009)
President Founder
VISIBRAIN



Dominique CAHU (class 1994)
Executive Director
MORGAN STANLEY

Pierre PORTHAUX (class 2002)
Founder et CEO
BLOCKCHAIN SOLUTIONS



ISEP in a few figures



8
Specializations in
IT/digital
Engineering

Minimum 9 month
Company
Experience

30 +
student associations
& clubs

130+ international
Partner universities

International
Exposure for all
graduates

100 %
Employment in
 ≤ 3 months after
graduation

350 graduates
per class, incl. > 60
international
students

400
Corporate
Partners

42 250 € average
gross salary of
graduation class
(Top 3 in France)

9000 alumni
network

> 10 Double Degrees with
French & int'l Higher
Education Institutions

Thank You
Q&A

www.isep.fr