

École d'ingénieurs

Télécom Physique Strasbourg

Affiliated to the *Institut Mines-Télécom* group

Physics at the heart
of the Information
Sciences and Technology
revolution



Department of Physics



Department of Biomedical
Engineering



Department of Electrical and
Computer Engineering



Department of Computer
Science and Networks

IMT
Grand
Est

Université

de Strasbourg

With the new challenges of information and communication technologies in a globalized environment subject to deep evolution, choose one of the engineering training courses offered by *Télécom Physique Strasbourg*, may it be the general engineering track or one specialized in namely healthcare or digital infrastructures and Internet of Things.

The following factors contribute to the graduation of high-level and creative Engineers, who are global-minded and attentive to the needs of socio-economic issues:

- a stimulating scientific environment within an internationally renowned research University
- a multicultural region in the heart of Europe, the emphasized development of an ethical approach
- opportunities for international mobility during studies
- FabLab allowing for engineering projects driven by creativity



Pr. Christophe Collet
DEAN of *Télécom Physique Strasbourg*

**Welcome to
*Télécom Physique
Strasbourg***



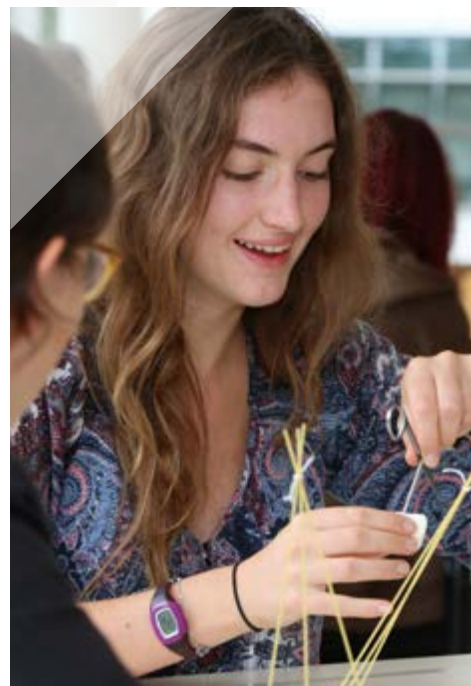
A EUROPEAN CROSSROADS

**Alsace, at the heart
of the French region
"Grand Est"**

A leading French scientific hub: 2 universities, 250 research institutes, 7000 Researchers, 6 innovation and technology transfer regional centers and 5 excellence clusters.

The University of Strasbourg

Télécom Physique Strasbourg is an internal Engineering School of the University of Strasbourg, an international multidisciplinary university ranked among the top 100 in the Shanghai Ranking. In 5 centuries, it has received 17 Nobel Prizes (4 active Laureates to date) and is today remarkably involved in international research.



Strasbourg

An eco-friendly city, less than 2 hours from Paris: a pleasant place with more than 59 000 students among 280 000 inhabitants. With history and traditions cohabiting with latest technological progress, European institutions such as the Parliament, the European Council, the European Court of Human Rights contribute to making Strasbourg an established European city.

THE STUDENT EXPERIENCE AT *TPS*

A dynamic and warm student life

Our Student Union is dynamic and actively involved in offering opportunities for students to promote integration, build connections as well as organize cultural, sports and festive events.

A springboard to the future

- Through the School's Junior Enterprise *Physique Strasbourg Ingénierie*
- Through the AAE Alumni association

*Télécom
Physique
Strasbourg*

more than **600** ↗
students

more than **250** ↗
industrial partners

more than **150** ↗
international
internships per year

more than **150** ↗
graduates per year

more than **3500** ↗
alumni

KEY FIGURES

↗ **43**
university lecturers
and researchers

↗ **4**
departments

↗ **80%**
of graduates employed
within 2 months

↗ **12**
dual degree programs

↗ **8**
research teams



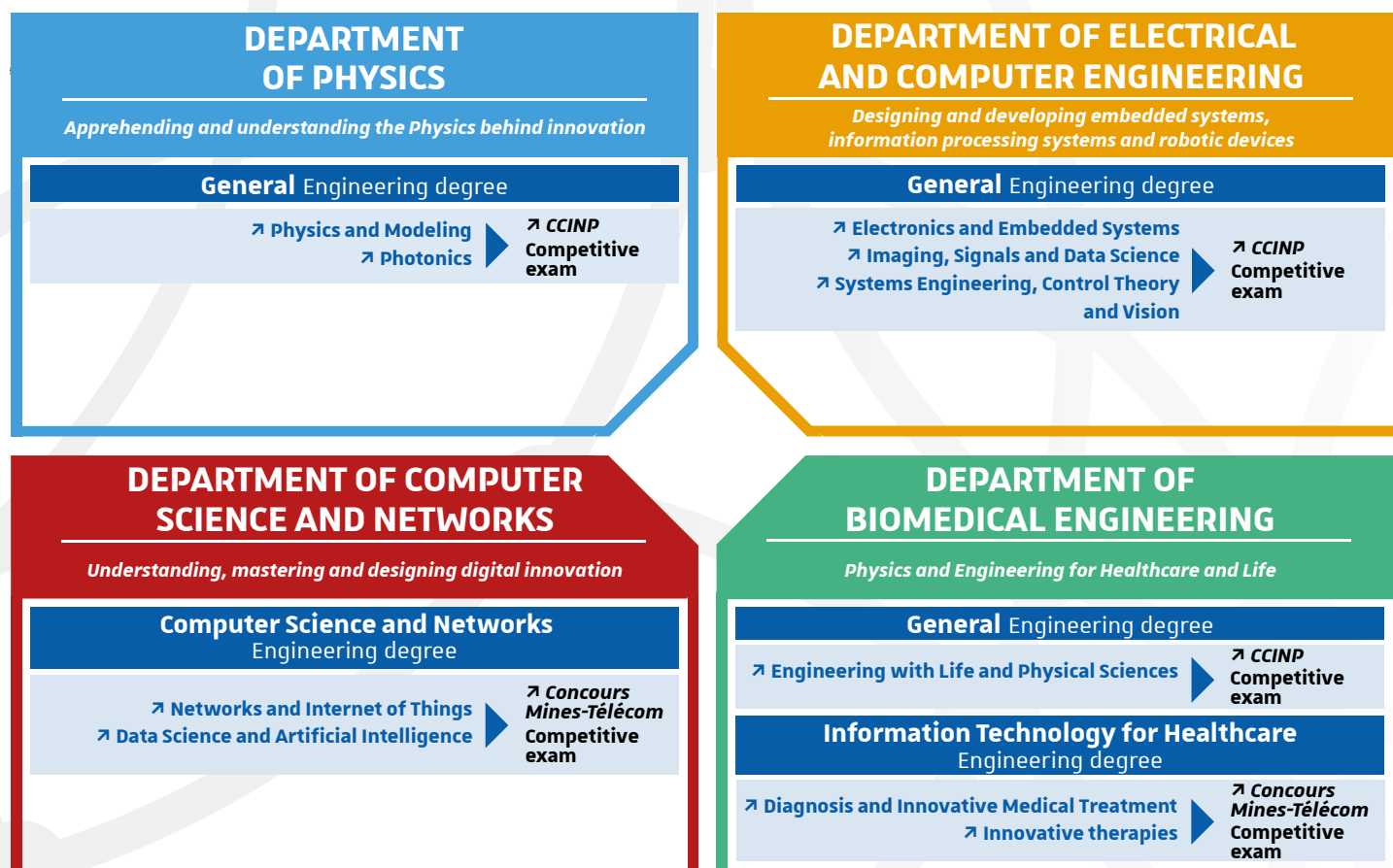


INNOVATIVE AND BRILLIANT ENGINEERS ARE TRAINED AT *TPS*

A **3-year** Engineering program

- Admission to the course is made either based on application or upon completion of a scientific preparatory program (*Classe Préparatoire aux Grandes Ecoles* in France) followed by successful highly competitive national exams, namely the:
 - *Concours Communs Institut National Polytechnique* for the General Engineering degree
 - *Concours Mines-Télécom* for both the Computer Science and Networks Engineering degree and the Information Technology for Healthcare Engineering degree
- Work/study programs are accessible to applicants holding either an advanced technical diploma, a technology degree, an undergraduate degree or based on French or foreign diplomas

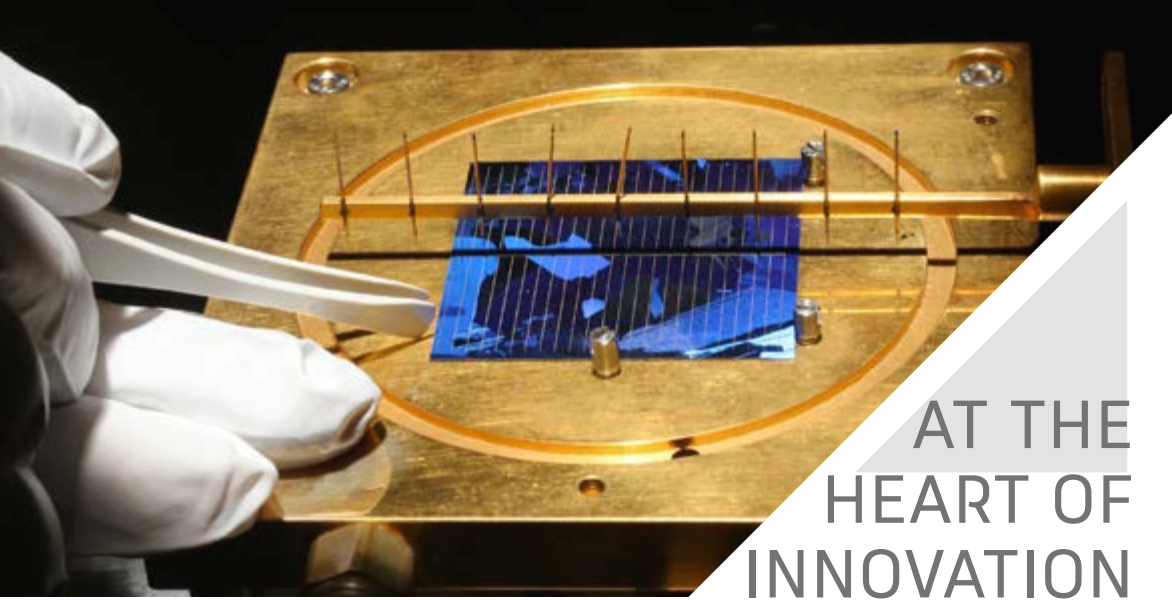
3 Engineering degrees as a full-time student within 4 departments



1 Research Master's degree in Imaging, Robotics and Biomedical Engineering

1 Engineering degree in work/study training program specialized in Electronics and Electrical Engineering

Through apprenticeship or in-service training, in partnership with the French *Institut des Techniques d'ingénieurs de l'industrie d'Alsace* (Institute of Engineering Techniques for the Alsatian industry)



AT THE HEART OF INNOVATION

Career opportunities in hi-tech for innovation purposes

- In strategic information technology sectors through a strong partnership with the *IRCAD* (Research Institute Against Digestive Cancer), which is specialised in Robotics and Medical Imaging for mini-invasive surgery, and with the University Hospital Institute of Strasbourg
- Through active cooperation with the "Therapeutic Innovations" excellence cluster propelled by *Alsace Biovalley*
- Supported by a "Telecom and Digital Society" label from the *Institut Carnot*

Supporting research excellence

- Through training in and by research
- By partnering with internationally renowned research institutes from the University of Strasbourg and the *CNRS* (National Center for Scientific Research), such as the *ICube* research institute

Our Engineers' main areas of expertise

- Control Theory and Robotics
- Computer Science and Networks
- Internet of Things
- Digital Infrastructures
- Micro and Nano Electronics
- Photonics
- Engineering for Healthcare
- Physics
- Signal and Image Processing
- Data Science and Artificial Intelligence

DIRECT CONNECTION WITH THE BUSINESS WORLD

- Constant adaptation to market needs
- 80% of graduates employed in the 2 months following graduation
- Specific lectures are carried out by more than 150 participants from companies and socio-economic projects



About 50% of our graduates work in multinational companies

ACCENTURE
ALCATEL-LUCENT ENTERPRISE
ALTRAN
AREVA
CEA
DASSAULT
EADS
EDF
GE & GE HEALTHCARE
HAGER
ONERA
ORANGE
PSA
SAFRAN
RENAULT
SIEMENS AG & HEALTHCARE
SOCOMECH
ST MICROELECTRONICS
THALES



GLOBALLY- DRIVEN

- 20% of our graduates work in a foreign country
- Our active network consists of academic and industrial partners from all over the world

At the heart of the
Europe of Science and
Technology



École d'ingénieurs

Télécom Physique Strasbourg

partners with
Engineering Schools
within the
Institut Mines-Télécom
group

**IMT
Grand
Est**

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