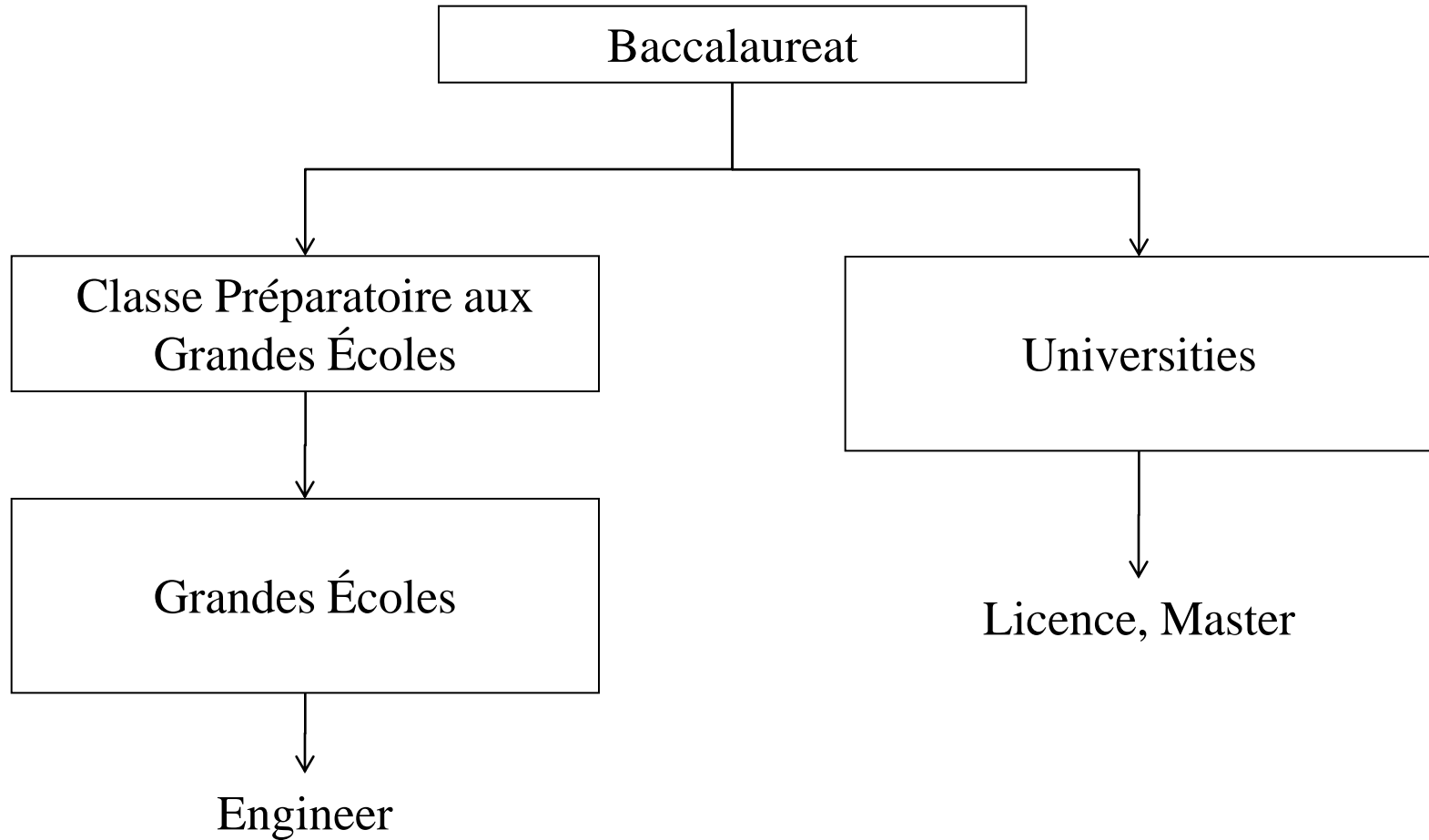




Double Degree Program between UniTN and Supélec



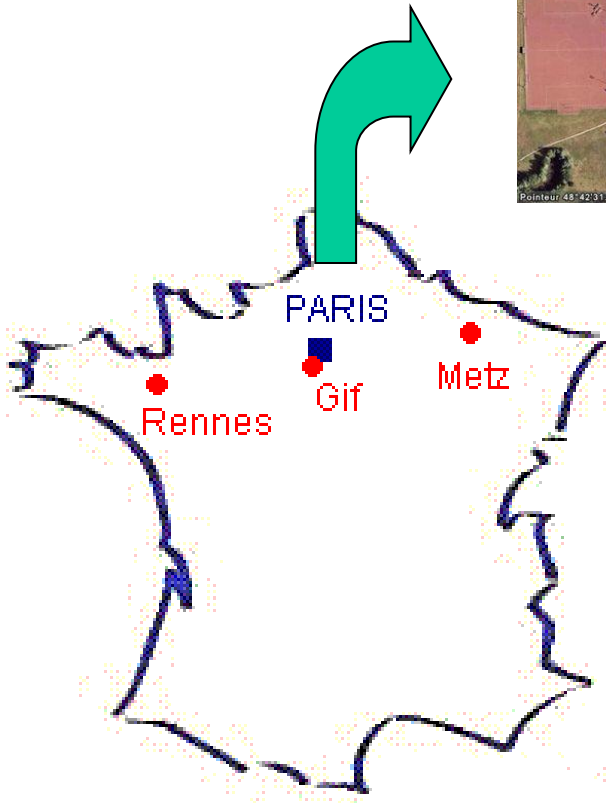
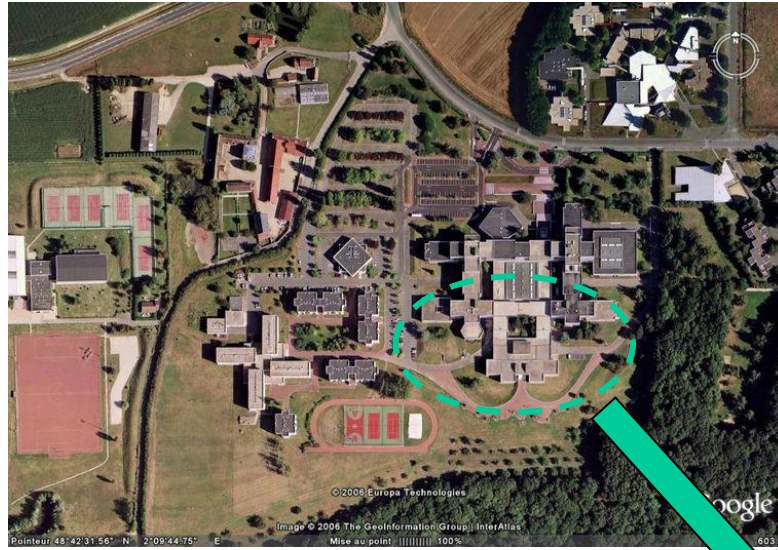
French Higher Education System



Grandes Ecoles

- According to the 2010 French ranking, the five most prestigious Grandes Ecoles are:
 - ✓ École polytechnique (Palaiseau, 1794)
 - ✓ École centrale (Paris, 1829)
 - ✓ École des mines ParisTech (1783)
 - ✓ Supélec (Gif-sur-Yvette, 1894)
 - ✓ École des Ponts ParisTech (Marne-la-Vallée, 1747)

Where is Supélec?



Supélec: 7 Departments

- ❑ Telecommunications
- ❑ Electromagnetics
- ❑ Signal Processing & Electronics Systems
- ❑ Automatic Control
- ❑ Power & Energy Systems
- ❑ Computer Science
- ❑ Foreign Languages and Culture

Supélec in Numbers

- ✓ 2000 students
- ✓ 460 engineering degrees
- ✓ 250 doctoral students

- ✓ 14 majors
- ✓ 6 specialized Master programs
- ✓ 170 non-degree training programs

- ✓ 130 full-time faculty
- ✓ 650 part-time teachers
- ✓ 175 administrators and staff

Supélec: Industrial Partners

Double Degree UniTN-Supélec

- ❑ **Exchange program to obtain two diplomas:** the “Ingénieur Diplômé” from Supélec and the “Laurea Magistrale” from University of Trento.
- ❑ A call for participation of UniTN students will be available around December of every year.
- ❑ Preliminary admission to the exchange program is based on a selection procedure.

Double Degree UniTN-Supélec

- ❑ Successful completion of the first year of the “Laurea Magistrale in Ingegneria delle Telecomunicazioni” is a requisite for final admission.
- ❑ The program consists in spending the second and third years at Supélec.
- ❑ The study plan of each student is beforehand approved by both institutions.

Double Degree UniTN-Supélec

- ❑ The double degree is delivered after the completion of a final project either at Supélec or UniTN.
- ❑ Thesis writing in French or Italian (with a summary in the other language).
- ❑ No double fees.
- ❑ Full access to Supélec facilities.

Second Year at Supélec

Core Curriculum: 12 x 24 hour modules

Projects: 2 projects

Laboratory Studies: 6 x 18 hour study periods

Foreign Languages: 4 to 8 x 21 hour modules

Elective Modules: 6 x 18 hour modules

Training Period: 2 months minimum

Third Year at Supélec

- ❑ **14 different majors**, divided among: computer science, telecommunications, signal processing and electronics, electronic engineering, and automatics.
- ❑ Each major is supervised by a team of teacher-researchers specialized in a clearly defined industrial sector.
- ❑ It has its own educational program in its technical, scientific, and industrial domain, given over a period of six months.
- ❑ Research and development team activities, very similar to the job experience of the engineer (laboratory studies, projects, industrial studies conventions) are carried out part-time during this period.

Third Year at Supélec

- ❑ In addition to their major, students choose six units of instruction transverse "minor", 27 hours each, that enable them to deepen the field of their major and to develop skills "job", with additional foreign languages courses.
- ❑ In April, at the end of their studies, the students carry out training work of a duration of five months, in industry or in a research laboratory.

Third Year at Supélec

- ❑ Communications and Electronics:
 - ✓ Major Telecommunications Engineering (Gif campus)
 - ✓ Major Electromagnetics & Communications (Gif campus)
 - ✓ Major Photonics (Metz campus)

- ❑ Electronics and Signal Processing:
 - ✓ Major Electronic Systems, Networks & Images (Rennes campus)
 - ✓ Major Applied Mathematics for Signal and Information Processing (Gif campus)
 - ✓ Major Micro & Nano Electronics (Gif campus)

Other Collaborations

- ❑ Erasmus bilateral agreement
- ❑ Scientific collaborations between DISI and Supélec