



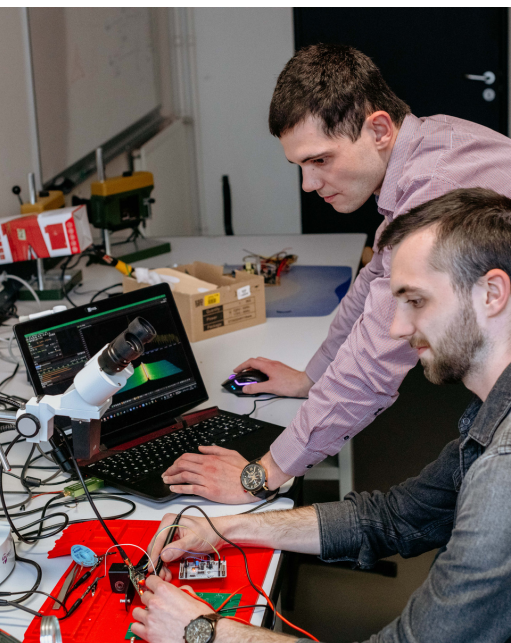
# INTERNATIONAL SEMESTER



## ELECTRICAL ENGINEERING AND SYSTEM CONTROL



This semester substitutes for approximately same level home university semester for electrical engineering and system control department or similar. The accent is put on practical laboratory illustrations with the state-of-the-art software, hardware and equipment.



### WHO IS CONCERNED?

International students for their various curricula part of european (ERASMUS) and international exchange programmes.

### WHEN DOES THE PROGRAM TAKE PLACE?

Spring semester, 1st February - 30th June  
(A minimum of 15 weeks of classes)

### ENGLISH IS THE COMMON LANGUAGE USED IN EVERY COURSE.

### ADMISSION FEES

2000 € (Erasmus students and some of our partners are exempt from these costs).

The real cost of the semester is 7500 € but the complementary cost is supported by the French government.



### CAREER OPPORTUNITIES



- Telecommunications
- Electronics and electrical equipment
- ICT
- Automotive, aeronautics and aerospace
- Transport industry

- Energy, environment and sustainable technologies
- Robotics
- Medical industry
- Research and development



# MORE ABOUT THE INTERNATIONAL SEMESTER...

## TRAINING

### 20H A WEEK + TECHNICAL PROJECT

### ECTS

<b>GENERAL TOPICS</b>	French language* Industrial ecology* Project Management Computer programming (LabView and Matlab)	<b>6</b>
<b>SIGNAL, SYSTEM AND CIRCUITS</b>	Analog Electronics Digital communication Digital circuit design - VHDL and SOC Networks Antenna from theory to practice Digital signal processing	<b>10-14</b>
<b>CONTROL SYSTEM AND PERCEPTION</b>	Control system Robotics Computer vision and image processing Design and Modelling of Unmanned Aerial Systems	<b>4-8</b>
<b>TECHNICAL PROJECT</b>	Project	<b>6</b>

\*Common modules for all the international semesters of ENSIL-ENSCI



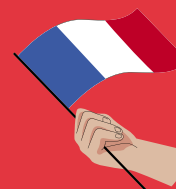
**It is indispensable today for students to be open to other cultures, other ways of living and working.**

### LIMOGES

Close to the centre of France, 160 000 inhabitants

By plane: one hour from Paris,  
one hour and a half from London

By train or by car 3 hours from:  
Paris, Toulouse, Bordeaux, Atlantic Ocean...



## TRAINING INSTITUTIONS

- ENSIL-ENSCI (National Higher Engineering College)

## RESEARCH LABORATORY

XLIM, (internationally recognized for advanced telecommunication system, circuit and device)

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