

## Conferences



### SCHOOL

Polytech Graduate School of Engineering



### CAMPUS

Belle-Beille



### LEVEL

Engineering 4th year



### OPEN TO EXCHANGE STUDENTS

Yes



### SEMESTER

Fall (S1)

- > **Degree course:** Graduate School of Engineering - Automation and Computer Engineering
- > **Teaching unit:** UE 7.2 Sciences de l'ingénieur
- > **Course language:** English
- > **Duration (hours):** 32
- > **ECTS:** 0
- > **Teacher(s):** Laetitia Perez

#### > Assessment:

- Continuous assessment
- Final exam

#### > Teaching methods:

- |  |       |  |
|--|-------|--|
| <input type="checkbox"/> Lecture course  | hours | <input checked="" type="checkbox"/> Case study |
| <input type="checkbox"/> Tutorial course | hours | <input type="checkbox"/> Project               |
| <input type="checkbox"/> Practical work  | hours |  |

## COURSE DESCRIPTION

The speakers at conferences are mostly industrial, but sometimes academics (French or foreign) are invited to lead a conference on a particularly relevant topic. The areas covered are varied. They can obviously highlight the themes of control engineering (connected factory, PLC security, etc.) as well as computer engineering (AI, deep learning, etc.). The teaching team is also vigilant to go beyond the purely scientific and technical framework and subjects such as innovation, sustainable development, ecological transition, growth, corporate social responsibility, management, ethics, deontology even history could be discussed during these conferences. More specifically, in order to reinforce the adequacy between specific lessons ("cyber physical systems", "cyber security", "HCI-VR") and the expectations of the professional world, industrial speakers are invited.

## OBJECTIVES

The speakers at conferences are mostly industrial, but sometimes academics (French or foreign) are invited to lead a conference on a particularly relevant topic. The areas covered are varied. They can obviously highlight the themes of control engineering (connected factory, PLC security, etc.) as well as computer engineering (AI, deep learning, etc.). The teaching team is also vigilant to go beyond the purely scientific and technical framework and subjects such as innovation, sustainable development, ecological transition, growth, corporate social responsibility, management, ethics, deontology

## PREREQUISITES

Lessons from the 'Control engineering and Computer Engineering' department