

# PHD PROGRAM ENGINEERING AND SYSTEMS SCIENCES



## GRADUATE SCHOOL ENGINEERING AND SYSTEMS SCIENCES (SIS)

<https://www.universite-paris-saclay.fr/en/phd-program-engineering-and-systems-sciences-graduate-school-engineering-and-systems-sciences>

The program's ambition is to develop doctoral training at the highest level, based on a continuum between fundamental research and applications within a formidable ecosystem associating academic laboratories, engineering schools, and industrial groups. Thanks to a permanent exchange between modeling, experimentation, numerical simulation, design, and optimization, the training contributes to creating new knowledge responding to society's challenges, particularly in the areas of energy, environment, transport, biotechnology, imaging, industry 4.0, information, and nanotechnology.



The objectives, admission modalities and content of this PhD Program Engineering and Systems Sciences (SIS)

# CALL FOR APPLICATIONS

## The main themes of the program

Automatic / Robotics / Signal / Images / Communications / Structures / Materials / Mechanics / Civil Engineering  
Energy / Processes / Telecommunications / Optics / Electronics / Electrical Engineering / Microsystems  
Sensors and Instrumentation / Biomedical / Manufacturing / Industrial Engineering / Applied Mathematics  
Computational Engineering / Software Engineering

## This program is linked with 4 Doctoral Schools

- Doctoral School SCIENCES ET TECHNOLOGIES DE L'INFORMATION ET DE LA COMMUNICATION (STIC)
- Doctoral School SCIENCES MÉCANIQUES ET ÉNERGÉTIQUES, MATÉRIAUX ET GÉOSCIENCES (SMEMAG)
- Doctoral School INTERFACES
- Doctoral School ELECTRICAL, OPTICAL, BIO: PHYSICS\_AND\_ENGINEERING (EOBE)

### ≡ OBJECTIVES, MODALITIES, CONTENT

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### ≡ PROPOSED THESIS TOPICS

Discover the offers of thesis topics 2021-2022 for doctoral and graduate schools

<https://www.adum.fr/psaclay/ptenpb?etab=307>

### ≡ THE DOCTORAL CONTRACT

Learn more about the doctoral contract

[www.enseignementsup-recherche.gouv.fr/cid76053/le-financement-doctoral.html#contrat-doctoral](http://www.enseignementsup-recherche.gouv.fr/cid76053/le-financement-doctoral.html#contrat-doctoral)

### ≡ INTERNATIONAL

#### ROAD MAP AND PROCEDURES

##### BEFORE YOUR ARRIVAL IN FRANCE

The « International e-Welcome Solution » application, provides a clear roadmap of the procedures to be followed, with a timetable and contacts.

##### ONCE YOU HAVE ARRIVED IN FRANCE

The Paris-Saclay Foreign Talent Reception Centre (GATE) is a single point of contact for most of the involved organizations that can help foreigners with their procedures.

<https://www.universite-paris-saclay.fr/en/campus-life/international-welcome-desk>