

SUMMER SCHOOL IN PARIS

July 7 to July 25, 2025

IMAGINE – DEVELOP – FLY



understand flying robots,
build and control your own drone



3 weeks



6 ECTS



Paris-Ivry Campus



international@ipsa.fr



63 bd. de Brandebourg, 94200 Ivry-sur-Seine

Our 3-week program aims at providing you key concepts about the flying equation system and about how to model and control drones with a robotic arm. First, with the expertise of our team, you will learn how to design a robot using one of the most used robotic environments: Robot Operating System (ROS). Second, you will build, stabilize, and make a real bicopter fly.

Agenda

Week 1: Introduction to drones

Discover the different types of drones.

Week 2: Multi-rotor systems

Get familiar with modeling and controlling quadrotor systems.

Week 3: From theory to practice

Build, fly and present your own drone!



A memorable experience in Paris

The cultural fun is guaranteed by the interactive activities and cultural visits all along the 3-week program, such as a day at Versailles Castle, cruise on the Seine, visit to the Air and Space Museum, a night at the theatre, guided tour in Paris.

Program fees

3 200 euros* covering:

- tuition
- accommodation
- material kit
- cultural activities
- lunch on course days
- public transport pass in Paris

**A special offer can apply to partner universities.*

Apply now >>

1. **Application form**
2. **Copy of passport**
3. **Official transcripts from home university**
4. **Proof of English language proficiency (B2 level)**
5. **Application fee (60 euros)***

**Students from our partner universities are exempted from the application fee.*

>> international@ipsa.fr

**Application deadline:
April 30, 2025**

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