



# SUMMER SCHOOL

## « IMAGINE, DEVELOP & FLY »



July 1 - July 19, 2019

**3 WEEKS**  
**2 CITIES**  
**6 ECTS CREDITS**



## «IMAGINE, DEVELOP & FLY»! MAKE YOUR MICRO AERIAL VEHICLES (MAVS)

Our summer program aims at providing key concepts in design, modeling and control of micro aerial vehicles (MAVs) covering both theoretical and experimental aspects.

In this regard, specific drone configurations will be studied.

Detailed realistic simulations covering not only the drone's motion but also aerodynamic design aspects regarding real-world applications. In this regard, the goal is to enhance your 3D-printed design based the experimental wind-tunnel tests.

### PARIS :

Courses, lectures and workshops, experimental tests, survival french + discover Paris :  
Street art in Paris, theatre show,  
Château de Versailles,  
typical cruise on the Seine Etc...

### TOULOUSE :

Enjoy the aerospace capital during 3 days !  
Let's visit Airbus, Aeroscopia, Cité de l'Espace

### PROGRAM FEES :

Application fees: 60 €  
2300 € including tuition fees, extra-curricular activities, accommodation, breakfasts and lunches (on class days), public transport pass for 3 weeks and journey to and from Toulouse.

A special discount applies to students coming from our partner universities.

**Optional :** Airport transfer.

Students earn 6 ECTS credits from completion of the program.

More information on [www.summer-schools.fr](http://www.summer-schools.fr)



### International Office

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 IPSA (school)

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### THIS SCHOOL IS A MEMBER OF THE IONIS EDUCATION GROUP



Created in 1980 by Marc Sellam, the IONIS Education Group is the first group of private, higher education in France. The 25 schools and entities of the Group bring together nearly 28,500 students in the fields of business, marketing, communication, management, finance, information technology, digital, aerospace, energy, transport, biotechnology and innovation. The self-defined mission of the IONIS Group is to bring forth new business intelligence today and tomorrow. In 2017, the IONIS Group is expanding its borders with the creation of interdisciplinary urban campuses in foreign metropolises (Barcelona, Berlin, Brussels, Geneva and soon New York). Strong international scope, attachment to innovation, entrepreneurial spirit, and veritable "culture of adaptability and change", these are the main values taught to the future 75,000 alumni members of the IONIS Group - key actors in tomorrow's economy.

[www.ionis-group.com](http://www.ionis-group.com)