

SUMMER PROGRAM



CFD APPLICATIONS IN AERONAUTICAL ENGINEERING



***Learn and
practice modeling
techniques for
fluid dynamics***

Paris, France
June-July | 4 weeks
In English
10 ECTS credits



AN INTERNATIONAL LEARNING EXPERIENCE IN PARIS

Join engineering students from around the world for an intensive four-week program that blends advanced coursework, hands-on workshops, company visits, and cultural discovery – all in the heart of one of Europe's most iconic cities.



PROGRAM HIGHLIGHTS

- > Learn from leading international experts and ESTACA professors
- > Participate in hands-on workshops and real-world case studies
- > Visit top industry sites: Paris Air Show, Eiffel Wind Tunnel, Onera, and more!
- > Discover France through cultural visits to Paris and Versailles
- > Build lasting connections with a global network of STEM peers

COURSE OVERVIEW

- > **Fluid Mechanics**
- > **Introduction to Turbulence**
- > **Computational Fluid Dynamics (CFD)**
- > **Aerodynamics**
- > **Wind Tunnel**
- > **French for Beginners & Intercultural Studies**

PRACTICAL INFORMATION

- > **Academic period:** June to July
- > **Language:** English
- > **Number of credits:** 10 ECTS
- > **Required Level:** Minimum 3rd year of bachelor's degree in engineering (or related fields) and basic knowledge of fluid mechanics
- > **Tuition:**
 - 4000€ for free-mover students
 - 2100€ for partner university studentsFees include housing and all academic / cultural activities. Meals, travel, and visa costs are not included.
- > **Application Deadline:** May 15

Further information & questions:

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