

Advanced heat transferts and fluid flow



ECTS
5 crédits



Hourly volume

Introducing

Objectives

At the end of this course, the student should have understood and will be able to explain the basics allowing to approach a phenomenon involving real (viscous) fluids. He will be able to tackle situations involving more or less complex heat and mass transfers.

The student will also be able to conduct a numerical simulation with Ansys Fluent code.

Necessary prerequisites

Inviscid fluid dynamics (I3ICFT01 & Fluid Mechanics 1)

Introduction to heat transfer (I3ICFT01 & heat Transfer 1)

Practical info

Location(s)

 Toulouse