

# History of Fluid Mechanics



Component  
École Nationale  
Supérieure  
d'Électrotechnique  
d'Électronique

## In brief

- > **Ametys Code:** M4R9TUJN
- > **Open to exchange students:** No

## Presentation

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### Description

- 1 Fluid mechanics from Archimedes to Reynolds
- 2 Forces on an obstacle: drag, lift, boundary layer
- 3 Turbulence: channel hydraulics, effective viscosity, mixing length, statistical mechanics, internationalization
- 4 Fluid mechanics in France in the 20th century: aeronautics, fluid mechanics institutes
- 5 History of the Toulouse Institute of Electrical Engineering (ENSEEIH)