

Research themes

The main's research themes of the IAT are:

Steady and unsteady aerodynamics:

- Aerodynamics on vehicles
- Passing of vehicles
- Turbulence grids
- Active and passive control of delamination on automobile
- Crosswind

Aeroacoustics:

- Achieving scale
- Noises of plane airflow
- Noise reduction by active control of the shear layer
- Pressure fluctuation in open 3/4th test section

Aero elasticity:

- Stalling of the rotor blades on wind turbine
- Aero elasticity behavior on bad outlined frames
- Fluid-structure coupling

<https://iat-en.cnam.fr/research-themes-1302900.kjsp?RH=1639389353244>