LILLE TURBULENCE PROGRAMME 2023
Seminar series
27 June - 12 July 2023

The LTP23 lasts from 19 June to 13 July 2023. The LTP23 seminar series starts the week after the LTP23 Opening Workshop (20-22 June 2023) and the PhD defense of Argyris Apostolidis (2pm, 22 June 2023).

Tuesday 27 June 4h30pm: Jan Friedrich
Recent applications of a superstatistical wind field model: from wind field reconstructions of incomplete measurements to the closure problem in turbulence

Wednesday 28 June 4h30pm: (LTP21/22 collaboration) Kostas Steiros
Non-equilibrium decay of homogeneous turbulence

Thursday 29 June 10am: PhD defense Vinicius Sepetauskas
Fractal/multiscale fences for passive control of turbulent flow separation

Friday 30 June 4h30pm: Sourabh Diwan
Intermediate scaling for streamwise velocity in wall turbulence

Monday 3 July 4h30pm: Rémi Zamansky
Simulations and spectral analysis of the turbulence induced by a swarm of bubbles

Tuesday 4 July 4h30pm: Tom Lacassagne
Experiments on oscillating grid turbulence - from simple to complex geometries and fluids

Wednesday 5 July 4h30pm: (LTP21/22 collaboration) Sam Sheppard
Generalizing the Concept of the Surface Layer to Shear-free Turbulence

Thursday 6 July 4h30pm: Jakub Nowak
Turbulence properties in stratocumulus and cumulus clouds

Friday 7 July 4h30pm: Jin Ge
The production of uncertainty in three-dimensional Navier-Stokes turbulence

Monday 10 July 4h30pm: John Farnsworth
The experimental generation of convective and global gusts within a unique wind tunnel facility and their interactions with a finite span wing.

Tuesday 11 July 4h30pm: Paul Beaumard
Application of two-point equations to Large Eddy Simulation

Wednesday 12 July 4h30pm: Joran Rolland
Study of large deviations and instantons using analytical mechanics, for extremes and bistability in turbulence