

LILLE TURBULENCE PROGRAMME 2024
Seminar series
24 June - 12 July 2024

The LTP24 lasts from 17 June to 12 July 2024. The LTP24 seminar series starts the week after the LTP24 Opening Workshop (18-20 June 2024).

Monday 24 June 4h30pm: Giorgio Krstulovic
How similar are classical and quantum turbulence? Insights from velocity circulation.

Tuesday 25 June 4h30pm: Ernesto Fuentes Noriega
Scaling analysis of the swirling wake of a porous disc: applications to wind turbines.

Thursday 27 June 4h30pm: Ariane Gayout
Aspect ratio aerodynamics and animal flight

Friday 28 June 4h30pm: Pawel Jedrejko
Formation of thermal vortex rings in high Re and high Pe limit.

Monday 1 July 4h30pm: Le Yin
Dynamics of turbulent energy and dissipation in channel flow

Tuesday 2 July 4h30pm: Marta Waclawczyk
The decay of turbulence in the atmospheric boundary layer during the evening transition

Wednesday 3 July 4h30pm: Metin Muradoglu
Bubble-Induced Transition and Drag Reduction in Turbulent Bubbly Channel Flow

Thursday 4 July
Habilitation Francesco Romano, 2pm at ENSAM

Friday 5 July 11h30am: Hanxun Yao
Analysis of forward and inverse energy cascade in isotropic turbulence

Tuesday 9 July 4h30pm: Gioacchino Cafiero
Wall bounded flow conditioning through riblets

Wednesday 10 July 4h30pm: Francesco Romano
Elastic Turbulence in Taylor-Couette flow

Thursday 11 July 5h00pm: John Farnsworth
Mechanisms underlying the generation and generalization of the surface layer

Friday 12 July 2pm: PhD defense Thomas Huret
Wind tunnel simulations of turbulent shear flows representative of atmospheric boundary layer by the use of upstream passive devices.