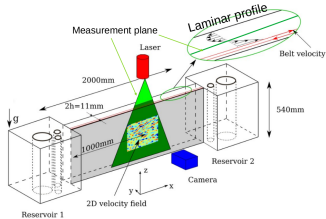


Comparison of PIV and visualisation in Couette-Poiseuille flow

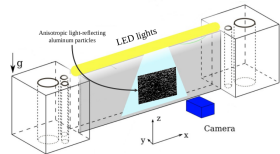
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Couette-Poiseuille channel

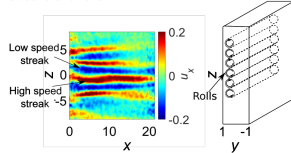


PIV setup



Visualisation setup

Streaks and rolls



Turbulent structures represented by:

- ▶ Streaks (fluctuations of the streamwise velocity u_x)
- ▶ Rolls (streamwise vortices)

Question:

What does the time of decay from visualisation corresponds to?



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