

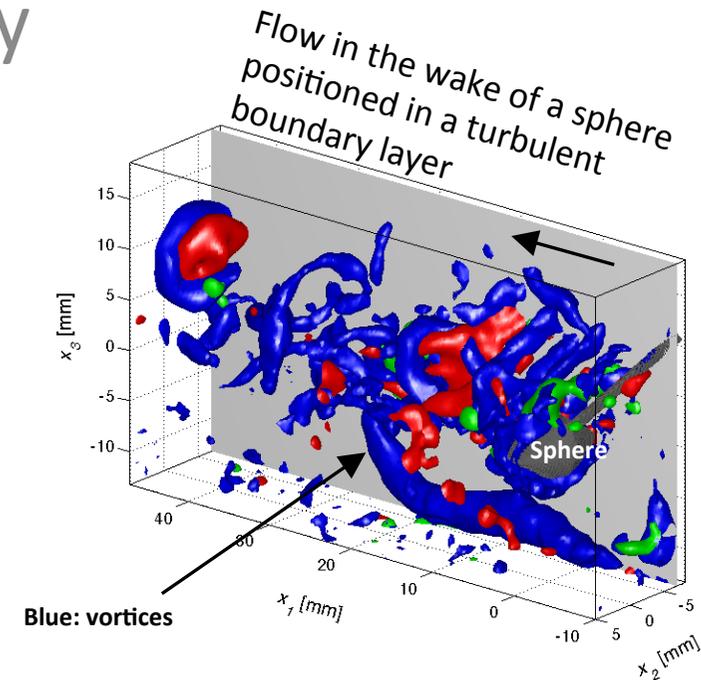
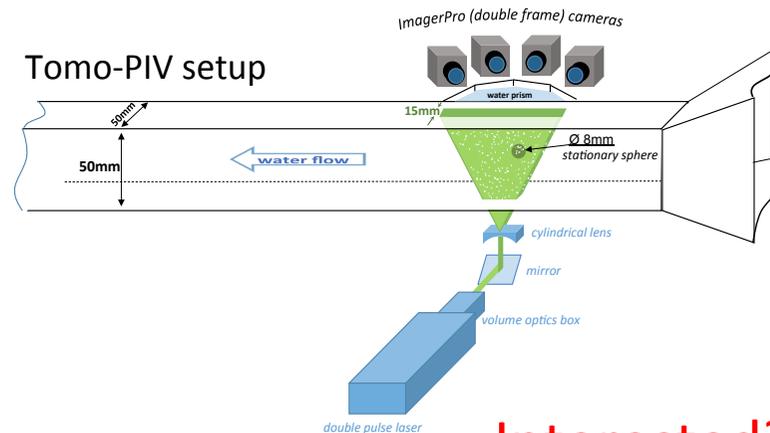
Available PhD and MSc positions

The Environmental MultiPhase Flow Laboratory

Funded experimental research on:
Fluid-structure interaction

Important in industrial applications ranging from:

- Structural stability of bridges, skyscrapers
- Green energy harvesting



Advanced fluid flow measurement techniques such as tomographic Particle Image Velocimetry (Tomo-PIV) that enables measurement of the 3D flow field

Interested??? Contact: R. van Hout, rene@technion.ac.il,

Tel. 3866

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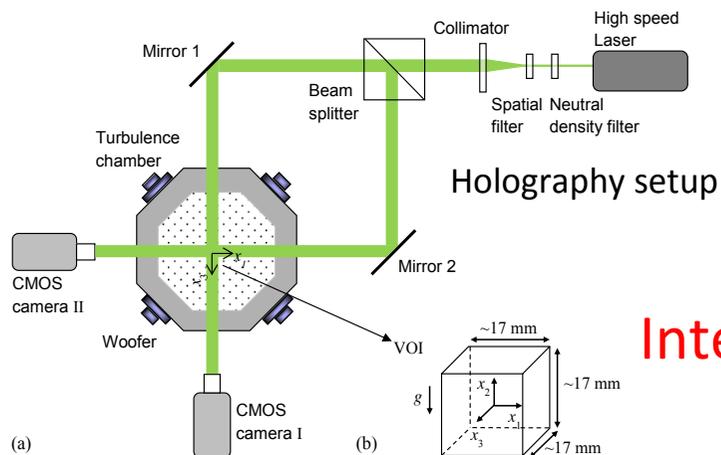
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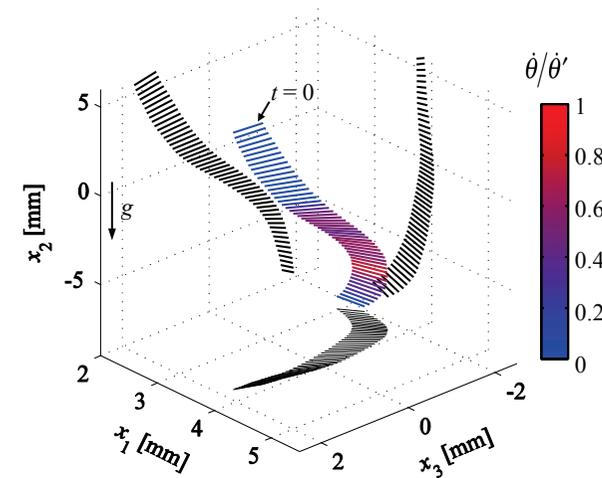
Particle-turbulence interactions

Important in industrial and environmental applications ranging from:

- Drug delivery, air conditioning systems, composite materials, pollution control
- Water and wind erosion, Rain clouds, Planetary albedo



3D fibre trajectory in turbulent flow



Advanced measurement techniques such as digital holography and tomographic Particle Image Velocimetry

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