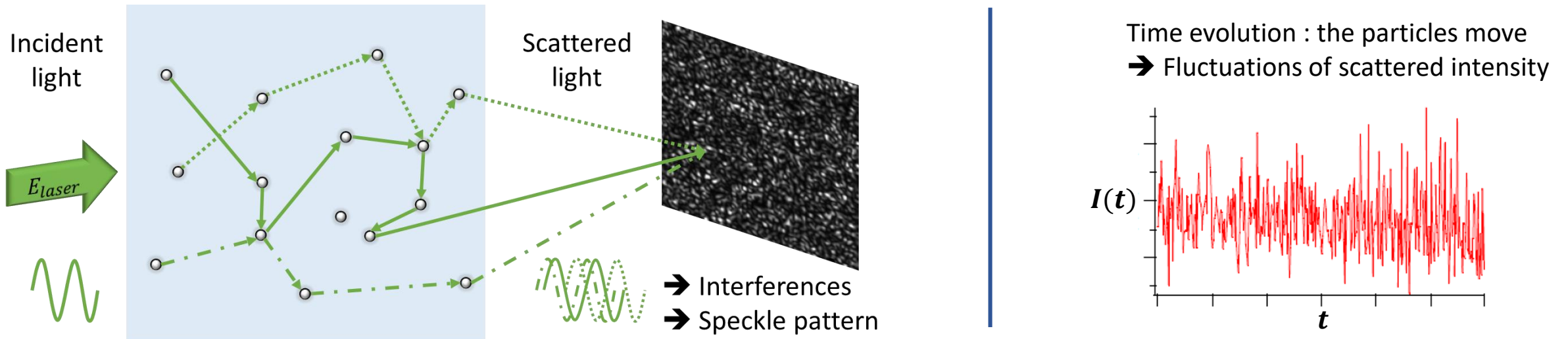


Enzo Francisco and Sébastien Aumaître

Service de Physique de l'État Condensé, CEA, CNRS UMR 3680, Université Paris-Saclay

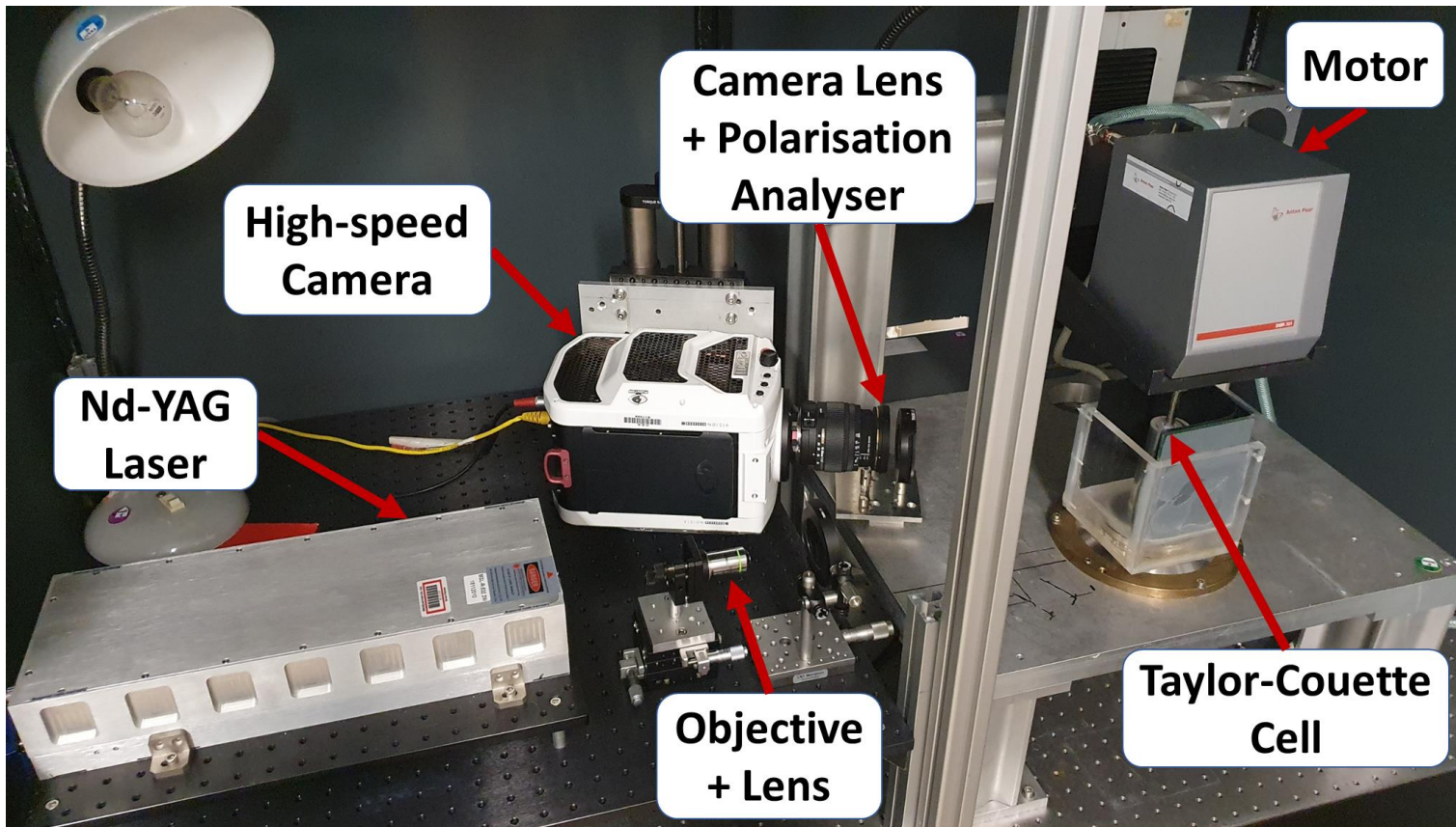
How to obtain spatially and temporally resolved measurements of the velocity gradient in a flow ?

→ **Diffusing-Wave Spectroscopy**



Enzo Francisco and Sébastien Aumaître

Service de Physique de l'État Condensé, CEA, CNRS UMR 3680, Université Paris-Saclay



Spatially and temporally resolved measurements of the Taylor-Couette flow :

- Laminar regime
- Instability : Taylor vortices