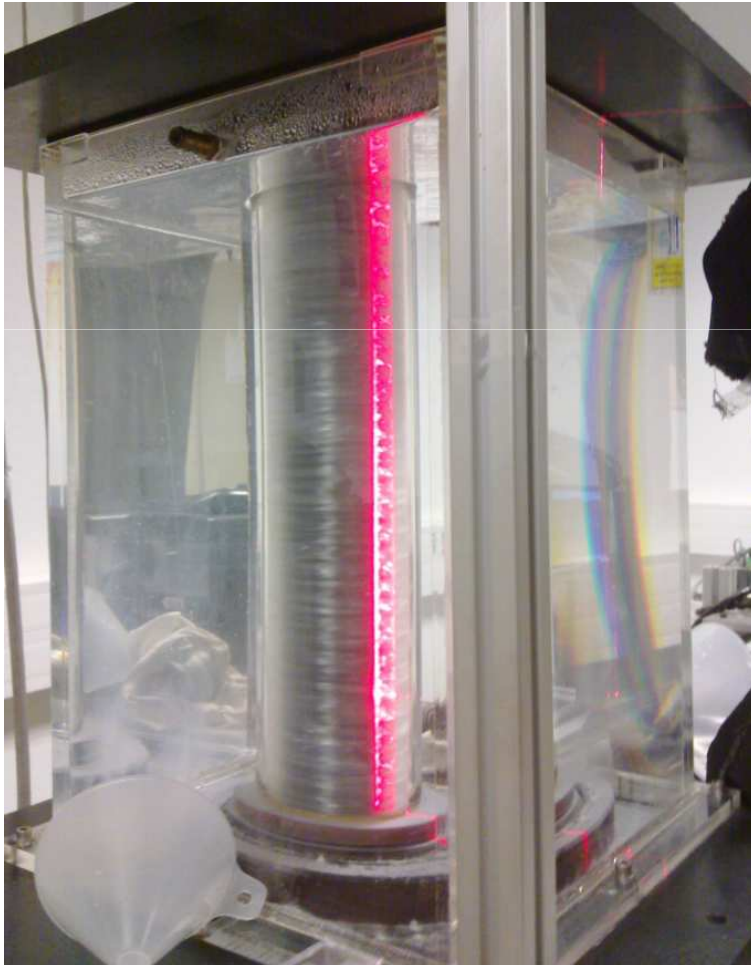


# Couette-Taylor experimental setup



- **Parameters**

- $a = 4 \text{ cm}$ ,  $b = 5 \text{ cm}$ ,  $L = 45 \text{ cm}$

- Radius ratio:  $\eta = a/b = 0.8$

- 

- Aspect ratio:  $\Gamma = L/d = 45$

- Working temperature :  $T = 20^\circ\text{C}$

- Solution : De-ionized water + 2% Kalliroscope

- Kinematic viscosity :  $\nu = 1.007 \times 10^{-2} \text{ cm}^2/\text{s}$

- $Ri = \Omega_i a d / \nu$ ,  $Ro = \Omega_o b d / \nu$ .