

## BSc Fluid Mechanics Measurements

### M03 assignments

A	<ul style="list-style-type: none"><li>- Measure the circumferential pressure distribution of three cylinders with different diameters at every 10 degrees, keeping a constant Reynolds number.</li><li>- Measure the circumferential pressure distribution of one of the cylinders at every 10 degrees at three additional Reynolds numbers.</li></ul>
B	<ul style="list-style-type: none"><li>- Measure the circumferential pressure distribution of three cylinders with different diameters at every 10 degrees, keeping a constant Reynolds number.</li><li>- Measure the circumferential pressure distribution of one of the cylinders at every 10 degrees at the previously measured Reynolds number in three additional positions progressively closer to the channel wall. One of the positions should be very close to the channel wall (~1-2 mm away).</li></ul>
C	<ul style="list-style-type: none"><li>- Measure the circumferential pressure distribution of one of the cylinders at every 10 degrees at three different Reynolds numbers.</li><li>- Measure the circumferential pressure distribution of the cylinder at every 10 degrees at the previously measured Reynolds number in three additional positions progressively closer to the channel wall. One of the positions should be very close to the channel wall (~1-2 mm away).</li></ul>
D	<ul style="list-style-type: none"><li>- Measure the circumferential pressure distribution of one of the cylinders at every 10 degrees at three different Reynolds numbers.</li><li>- Measure the circumferential pressure distribution of the cylinder at every 10 degrees at the previously measured Reynolds numbers, with the cylinder positioned very close to the channel wall (~1-2 mm away).</li></ul>