Faber Silitonga
Flow Diagnostics Lab ITB

Progress Report

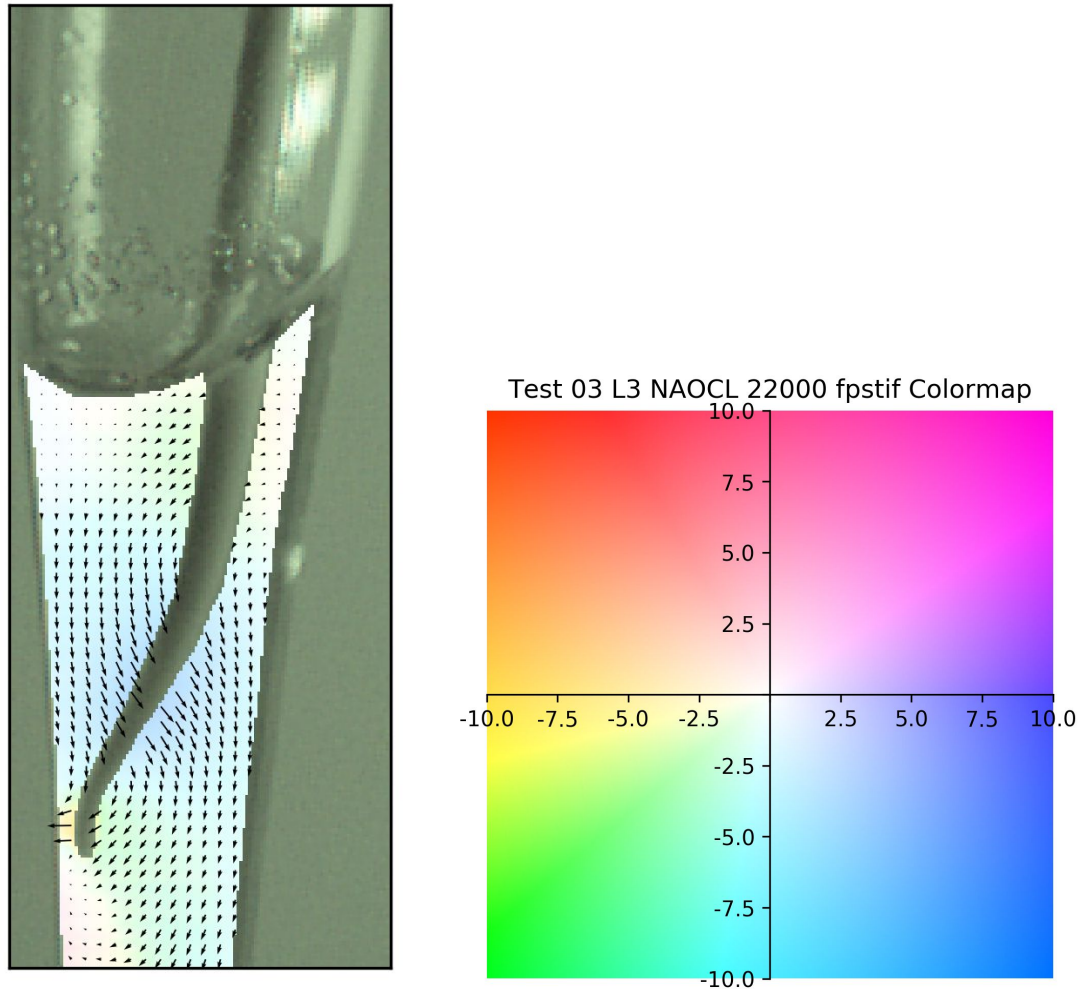1. Main visualization (sample image at frame = 4900).

Figure 1.1. Flow visualization at frame = 4900 with the respective colormap (maximum velocity magnitude at 9.7 pix/frame)

2. Change of v2 velocity at different time frames.

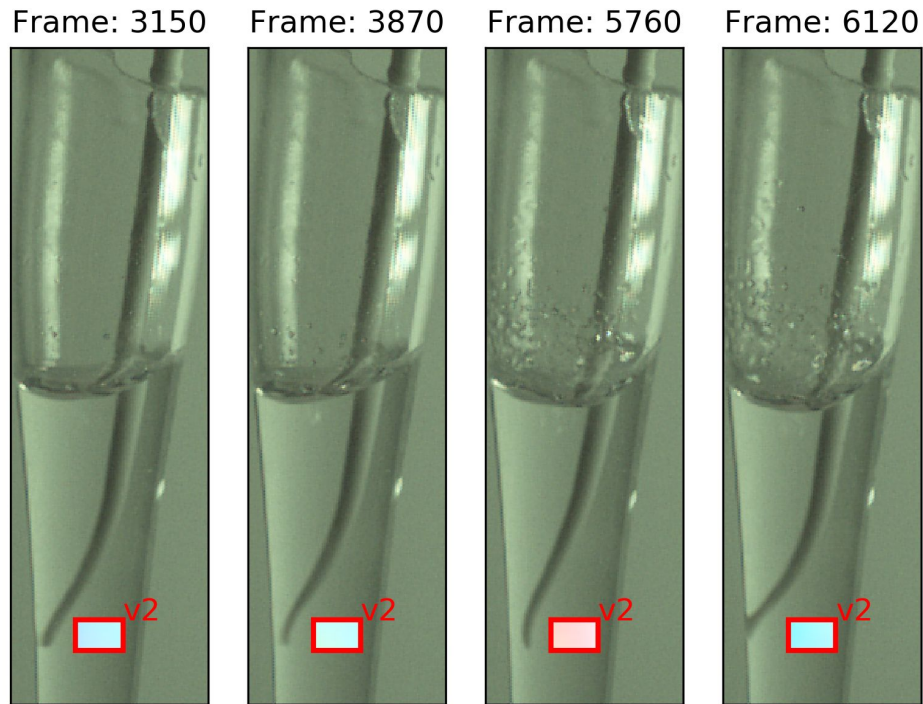Test 03 L3 NAOCL 22000 fpstif velocity at v2

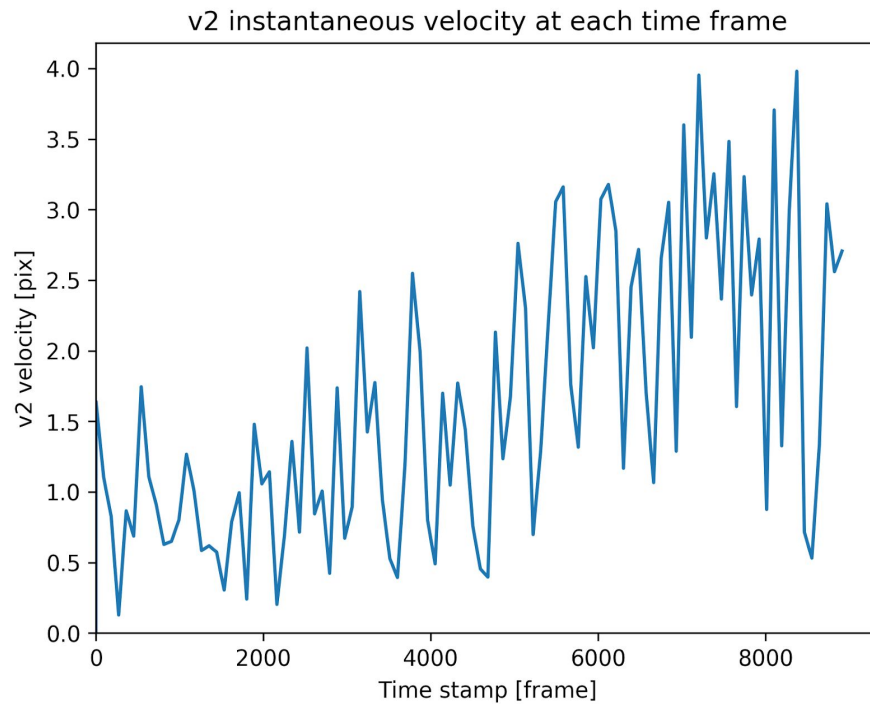Figure 2.1. Illustration of v2 velocity region.
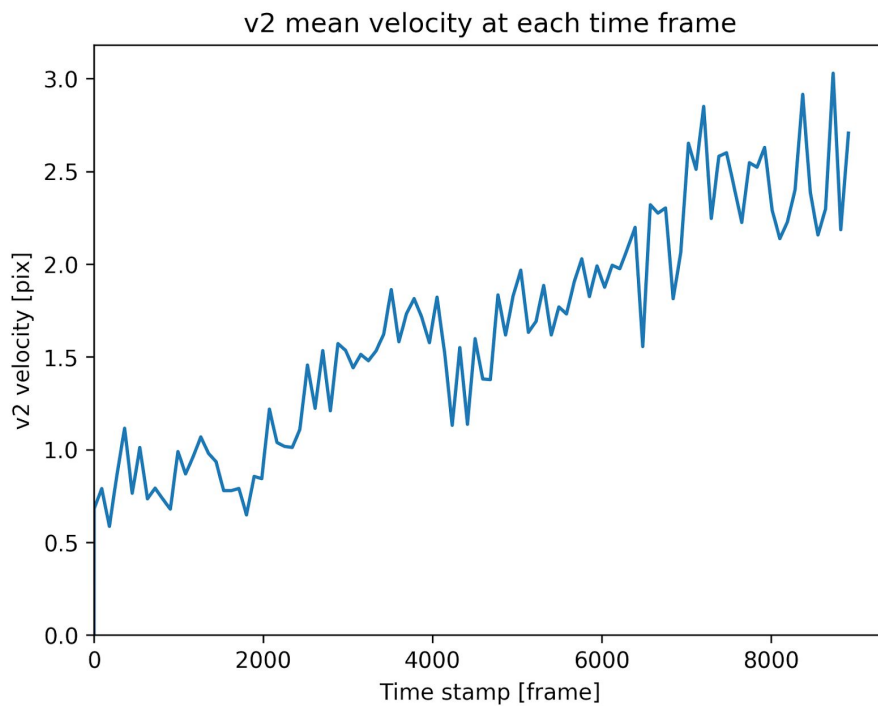

Figure 2.2. Change in instantaneous velocity at v2.

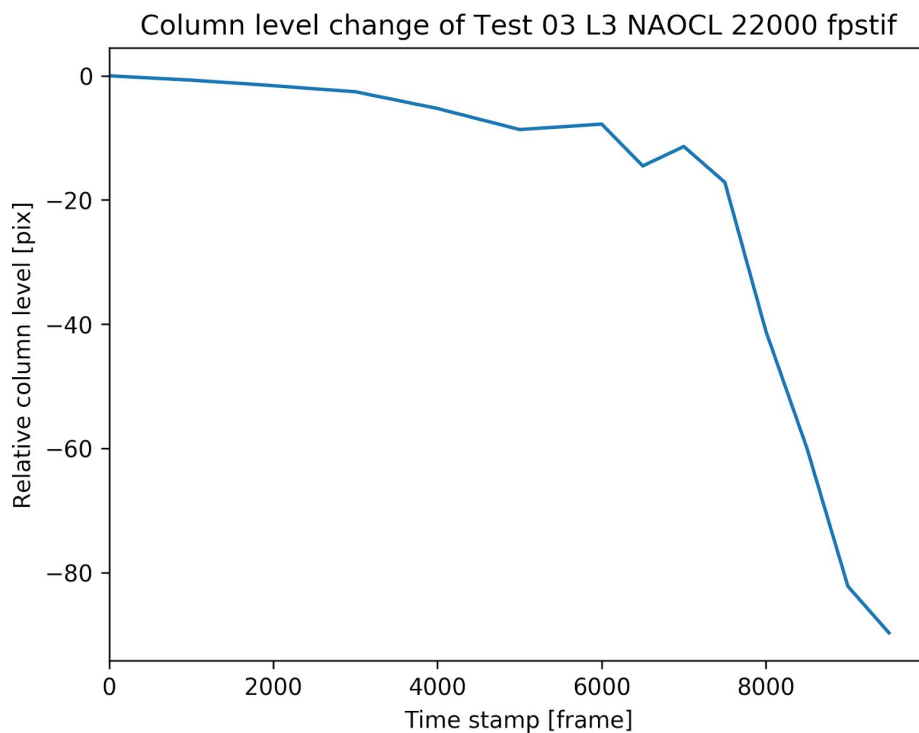Figure 2.3. Change in mean velocity at v2.

3. Change in column level.

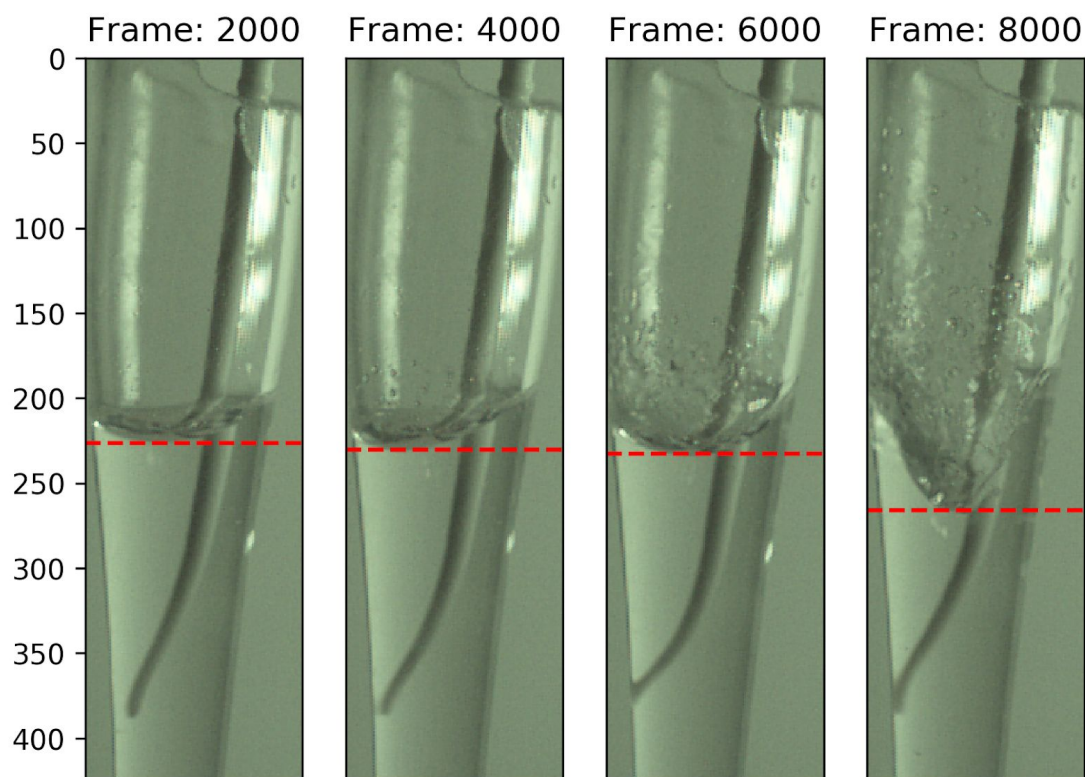Figure 3.1. Change in column level over different time frames.

Figure 3.2. Illustration of the change in column level.